

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-PeP^{\circ}$.

$P\check{Y}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ C''\ P\ddot{i}PsC,CrP\P PSp\ddot{e}Pj\ C,P^{\circ}\ C\acute{I}P\ddot{i}P_{\mu}C\ddagger P\ddot{e}C,,C-C\ddagger PSp\ddot{e}Pj$
 $C-PSPiC-P\pm C-C,P\psi C\tilde{H}PsPj\ PSp_{\mu}PN_{\infty}C\tilde{H}PsPSP^{\circ}P\gg CH\psi PSp\ddot{e}PiPs\ P\cdot P^{\circ}C...PsP\ddot{i}P\gg P_{\mu}PSPSC\sqcup$
 $C\acute{I}P_{\mu}C\tilde{H}PsC,P\psi PSC-PSC\acute{r}\ (5-P\acute{k}P\check{y})\ in\ vitro,\ C\sqcup PeP_{\mu}\ PI\ PsC\tilde{H}PiP^{\circ}PSC-P\cdot PjC- C,PIP^{\circ}C\tilde{H}P\ddot{e}PS$
 $P\ddot{i}C\tilde{H}P\ddot{e}P\cdot PIPsPrP\ddot{e}C,CH\ PrPs\ P\ddot{i}PsC,P_{\mu}PSC\ddagger C-C\tilde{H}PIP^{\circ}PSPSC\sqcup\ P_{\mu}C,,P_{\mu}PeC,C-PI\ 5-P\acute{k}P\check{y}.$
 $P\check{Y}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PjP^{\circ}C''\ P\gg P\ddot{e}C\epsilon P_{\mu}\ PrCrP\P P_{\mu}\ C\acute{I}P\gg P^{\circ}P\pm PeP\ddot{e}PN_{\infty}\ PIP\ddot{i}P\gg P\ddot{e}PI\ PSP^{\circ}$
 $P\ddot{i}C\tilde{H}PsC\ddagger P_{\mu}C\acute{I}P\ddot{e}\ P\cdot PIPsC\tilde{H}PsC,PSPsPiPs\ PSp_{\mu}PN_{\infty}C\tilde{H}PsPSP^{\circ}P\gg CH\psi PSp\ddot{e}PiPs$
 $P\cdot P^{\circ}C...PsP\ddot{i}P\gg P_{\mu}PSPSC\sqcup\ PSp\psi C\tilde{H}P^{\circ}PrC\tilde{H}P_{\mu}PSP^{\circ}P\gg C-PSC\acute{r}\ C,P^{\circ}\ PrPsP\ddot{i}P^{\circ}PjC-PSC\acute{r}.\ PJ$
 $PeP\gg C-PSC-C\ddagger PSp\ddot{e}C... PrPsP\cdot P^{\circ}C... C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ P\pm P\gg PsPeC\acute{r}C''$
 $P\cdot P^{\circ}C...PsP\ddot{i}P\gg P_{\mu}PSPSC\sqcup\ C\acute{I}P_{\mu}C\tilde{H}PsC,P\psi PSC-PSC\acute{r}\ Cr\ C,C\tilde{H}PsPjP\pm PsC\ddagger P\ddot{e}C,P^{\circ}C... P\gg C\tilde{H}PrP\ddot{e}PSP\ddot{e}.$
 $P_{\mu}C\tilde{H}P_{\mu}P\ddot{i}P^{\circ}C\tilde{H}P^{\circ}C,\ PSp_{\mu}\ P\ddot{i}C\tilde{H}PsC\sqcup PIP\gg C\sqcup C''\ C\acute{I}C,P\ddot{e}PjCrP\gg C\tilde{H}C\tilde{H}C\ddagger PsC- ,$
 $C\acute{I}P_{\mu}PrP^{\circ}C,P\ddot{e}PIPSPsC- ,\ P^{\circ}PSC,P\ddot{e}C...PsP\gg C-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSp\psi C- P^{\circ}P\pm Ps$
 $PeP^{\circ}C\tilde{H}PrC-PsC,PsPeC\acute{I}P\ddot{e}C\ddagger PSp\psi C- PrC-C- PI\ P_{\mu}PeC\acute{I}P\ddot{i}P_{\mu}C\tilde{H}P\ddot{e}PjP_{\mu}PSC,P^{\circ}C... PSP^{\circ}$
 $C,PIP^{\circ}C\tilde{H}P\ddot{e}PSP^{\circ}C.... PJ\ PePsPSC,C\tilde{H}PsP\gg CH\psi PIP^{\circ}PSP\ddot{e}C... PrPsC\acute{I}P\gg C-PrP\P P_{\mu}PSPSC\sqcup C... P\cdot$
 $C\acute{r}C\ddagger P^{\circ}C\acute{I}C,C\tilde{H}\ P\cdot PrPsC\tilde{H}PsPIP\ddot{e}C... PrPsP\pm C\tilde{H}PsPIP\psi P\gg CH\psi C\ddagger C-PI\ C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PSp_{\mu}$
 $P\ddot{i}C\tilde{H}PsC\sqcup PIP\gg C\sqcup PI\ C\acute{I}P_{\mu}PrP^{\circ}C,P\ddot{e}PIPSPsC- PrC-C- C,P^{\circ}\ PSp_{\mu}\ PIP\ddot{i}P\gg P\ddot{e}PIP^{\circ}PI\ PSP^{\circ}$
 $P\ddot{i}C\acute{I}P\ddot{e}C...PsPjPsC,P\psi C\tilde{H}PSC- C,,C\acute{r}PSPeC\ddagger C-C- . P-PiC-PrPSPs\ P\cdot PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIP\ddot{e}Pj\ PN_{\infty}PsPjCr$
 $C\acute{I}P_{\mu}P\gg P_{\mu}PeC,P\ddot{e}PIPSP\ddot{e}Pj\ C-PSPiC-P\pm C\acute{r}IP^{\circ}PSPSC\sqcup Pj\ P\cdot PIPsC\tilde{H}PsC,PSPsPiPs$
 $P\cdot P^{\circ}C...PsP\ddot{i}P\gg P_{\mu}PSPSC\sqcup\ 5-P\acute{k}P\check{y},\ C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PSp_{\mu}\ C\acute{I}C,P\ddot{e}PjCrP\gg C\tilde{H}C''$
 $PeP^{\circ}C,P_{\mu}C...PsP\gg P^{\circ}PjC-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSC\acute{r}\ P^{\circ}PeC,P\ddot{e}PIPSC-C\acute{I}C,CH\ . P-P^{\circ}C\acute{I}C-P\pm\ PSp_{\mu}\ PjP^{\circ}C''$
 $P^{\circ}C,,C-PSPSPsC\acute{I}C,C- PrPs\ PjCrC\acute{I}PeP^{\circ}C\tilde{H}P\ddot{e}PSPsPIP\ddot{e}C... (C...PsP\gg C-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSp\ddot{e}C...),$
 $C\acute{I}P_{\mu}C\tilde{H}PsC,P\psi PSC-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSp\ddot{e}C..., PrPsC,,P^{\circ}PjC-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSp\ddot{e}C...,$
 $P^{\circ}PrC\tilde{H}P_{\mu}PSP_{\mu}C\tilde{H}PiC-C\ddagger PSp\ddot{e}C..., PiC-C\acute{I}C,P^{\circ}PjC-PSp_{\mu}C\tilde{H}PiC-C\ddagger PSp\ddot{e}C..., P''P_{\check{H}}P_{\check{H}}P_{\check{L}}\ P^{\circ}P\pm Ps$
 $P\pm P_{\mu}PSP\cdot PsPrC-P^{\circ}P\cdot P_{\mu}PiC-PSPsPIP\ddot{e}C... C\tilde{H}P_{\mu}C\ddagger P_{\mu}P\ddot{i}C,P\psi C\tilde{H}C-PI.\ P\check{y}C\tilde{H}P\ddot{e}PIP^{\circ}P\gg P_{\mu}$
 $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}CrPIP^{\circ}PSPSC\sqcup\ C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PSC\acute{r}\ Cr\ C,PIP^{\circ}C\tilde{H}P\ddot{e}PS\ P\ddot{i}C\tilde{H}P\ddot{e}P\cdot PIPsPrP\ddot{e}P\gg Ps$
 $PrPs\ P\cdot PjP_{\mu}PSC\epsilon P_{\mu}PSPSC\sqcup\ P^{\circ}PeC,P\ddot{e}PIPSPsC\acute{I}C,C- PSp\psi C\tilde{H}P^{\circ}PrC\tilde{H}P_{\mu}PSP^{\circ}P\gg C-PSPsPIP\ddot{e}C...$
 $C\tilde{H}P_{\mu}C\ddagger P_{\mu}P\ddot{i}C,P\psi C\tilde{H}C-PI\ PjPsP\cdot PeC\acute{r},\ C_{\infty}Ps\ C\acute{I}P\ddot{i}PsC\acute{I}C,P_{\mu}C\tilde{H}C-PiP^{\circ}C''C,CH\psi C\acute{I}C\sqcup\ C- P\ddot{i}C\tilde{H}P\ddot{e}$
 $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}CrPIP^{\circ}PSPSC- C-PSC\epsilon P\ddot{e}C... P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSP\ddot{e}C... Cr\ PeP\gg C-PSC-C\ddagger PSC-PN_{\infty}$
 $P\ddot{i}C\tilde{H}P^{\circ}PeC,P\ddot{e}C\ddagger C- P^{\circ}PSC,P\ddot{e}PrP_{\mu}P\ddot{i}C\tilde{H}P_{\mu}C\acute{I}P^{\circ}PSC,C-PI\ C,P^{\circ}\ P^{\circ}PSC,P\ddot{e}PsP\pm C\acute{I}P_{\mu}C\acute{I}P\ddot{e}PIPSP\ddot{e}C...$
 $P\cdot P^{\circ}C\acute{I}PsP\pm C-PI.$

$P\check{Y}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PSp_{\mu}\ C\acute{I}P\ddot{i}C\tilde{H}PsC\ddagger P\ddot{e}PSC\sqcup C''\ C\tilde{H}PsP\cdot PIP\ddot{e}C,PeC\acute{r}$
 $PjP_{\mu}PrP\ddot{e}PeP^{\circ}PjP_{\mu}PSC,PsP\cdot PSp\ddot{e}PiPs\ P\cdot P\gg PsPIP\P P\ddot{e}PIP^{\circ}PSPSC\sqcup.\ PJ\ P\ddot{i}P\gg P^{\circ}C\ddagger P_{\mu}P\pm Ps-$
 $PePsPSC,C\tilde{H}PsP\gg CH\psi PIP^{\circ}PSPsPjCr,\ P\ddot{i}PsPrPIC-PN_{\infty}PSPsPjCr\ C\acute{I}P\gg C-P\ddot{i}PsPjCr$
 $C\tilde{H}P^{\circ}PSPPrPsPjC-P\cdot PsPIP^{\circ}PSPsPjCr\ PrPsC\acute{I}P\gg C-PrP\P P_{\mu}PSPSC- P\ddot{i}PsC\tilde{H}C-PIPSC\sqcup P\gg CH\psi PSp\ddot{e}PiPs$
 $P\ddot{i}PsC,P_{\mu}PSC\ddagger C-P^{\circ}P\gg Cr\ P\cdot P\gg PsPIP\P P\ddot{e}PIP^{\circ}PSPSC\sqcup\ C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PSPsPj,$
 $P^{\circ}P\gg P\ddot{i}C\tilde{H}P^{\circ}P\cdot PsP\gg P^{\circ}PjPsPj\ C,P^{\circ}\ d-P^{\circ}PjC,,P_{\mu}C,P^{\circ}PjC-PSPsPj\ Cr\ P\gg C\tilde{H}PrP_{\mu}PN_{\infty}$
 $C\acute{I}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PSp_{\mu}\ C\acute{I}P\ddot{i}C\tilde{H}P\ddot{e}C\ddagger P\ddot{e}PSP\ddot{e}PI\ P\ddot{i}PsP\cdot P\ddot{e}C,P\ddot{e}PIPSP\ddot{e}C...$
 $C\acute{I}CrP\pm B\check{H}^{\text{TM}}\ C''PeC,P\ddot{e}PIPSP\ddot{e}C... P_{\mu}C,,P_{\mu}PeC,C-PI,\ C_{\infty}Ps\ C\acute{I}PIC-PrC\ddagger P\ddot{e}P\gg P\ddot{e}\ P\pm\ P\ddot{i}C\tilde{H}Ps$
 $P\ddot{i}PsC,P_{\mu}PSC\ddagger C-P^{\circ}P\gg PrPs\ P\cdot P\gg PsPIP\P P\ddot{e}PIP^{\circ}PSPSC\sqcup.\ P\acute{k}P^{\circ}PIP\ddot{i}P^{\circ}PeP\ddot{e},\ CrC\ddagger P^{\circ}C\acute{I}PSP\ddot{e}PeP\ddot{e}$
 $PrPsC\acute{I}P\gg C-PrP\P P_{\mu}PSPSC\sqcup,\ C\sqcup PeC- P\ddot{i}C\tilde{H}P\ddot{e}PN_{\infty}PjP^{\circ}P\gg P\ddot{e}\ C\sqcup Pe\ P^{\circ}P\gg P\ddot{i}C\tilde{H}P^{\circ}P\cdot PsP\gg P^{\circ}Pj,\ C,P^{\circ}Pe\ C-$
 $d-P^{\circ}PjC,,P_{\mu}C,P^{\circ}PjC-PS\ P\ddot{i}PsC\tilde{H}C-PIPSC\sqcup PSp\psi P\cdot P\ddot{i}P^{\circ}C\ddagger C-C''PSC,P^{\circ}PjP\ddot{e},\ C\sqcup PeC-$
 $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}PsPIC\acute{r}IP^{\circ}P\gg P\ddot{e}\ P\ddot{i}P\gg P^{\circ}C\ddagger P_{\mu}P\pm Ps,\ PjP^{\circ}P\gg P\ddot{e}\ C\acute{I}C,P^{\circ}C,P\ddot{e}C\acute{I}C,P\ddot{e}C\ddagger PSp\psi$
 $P\cdot PSP^{\circ}C\ddagger CrC_{\infty}Ps\ PIP\ddot{e}C_{\infty}C- P\ddot{i}PsPeP^{\circ}P\cdot PSP\ddot{e}PeP\ddot{e}\ C\acute{I}C...P\ddot{e}P\gg CH\psi PSp\psi C\acute{I}C,C- PrPs$
 $P\cdot P\gg PsPIP\P P\ddot{e}PIP^{\circ}PSPSC\sqcup,\ P_{\mu}PN_{\infty}C,,PsC\tilde{H}C-C- C,P^{\circ}\ P\ddot{i}PsC,P_{\mu}PSC\ddagger C-PN_{\infty}PSPsC-$
 $PjP_{\mu}PrP\ddot{e}PeP^{\circ}PjP_{\mu}PSC,PsP\cdot PSp\psi C- P\cdot P^{\circ}P\gg P_{\mu}P\P PSp\psi C\acute{I}C,C-. P\check{Y}P_{\mu}C\tilde{H}C,C\tilde{H}P^{\circ}P\gg C-PS\ PSp_{\mu}$
 $C\acute{I}P\ddot{i}C\tilde{H}P\ddot{e}C\ddagger P\ddot{e}PSC\sqcup C''\ C\acute{I}C,P\ddot{e}PjCrP\gg C\tilde{H}C\tilde{H}C\ddagger PsPiPs\ P_{\mu}C,,P_{\mu}PeC,C\acute{r}\ P^{\circ}P\pm Ps\ PIC-PrC\ddagger CrC,C,C\sqcup$
 $C,C\tilde{H}P\ddot{e}PIP\psi P\P PSp\psi C\acute{I}C,C-, C...P^{\circ}C\tilde{H}P^{\circ}PeC,P_{\mu}C\tilde{H}PSP\ddot{e}C... PrP\gg C\sqcup\ d-P^{\circ}PjC,,P_{\mu}C,P^{\circ}PjC-PSC\acute{r},$
 $P^{\circ}P\pm Ps\ C\acute{I}P_{\mu}PrP^{\circ}C,P\ddot{e}PIPSPsC- PrC-C- C,P^{\circ}\ P\ddot{i}C\acute{I}P\ddot{e}C...PsPjPsC,P\psi C\tilde{H}PSP\ddot{e}C...$
 $P\ddot{i}PsC\tilde{H}CrC\epsilon P_{\mu}PSC\tilde{H},\ C...P^{\circ}C\tilde{H}P^{\circ}PeC,P_{\mu}C\tilde{H}PSP\ddot{e}C... PrP\gg C\sqcup\ P^{\circ}P\gg P\ddot{i}C\tilde{H}P^{\circ}P\cdot PsP\gg P^{\circ}PjCr.$

РҮРµСҖС,СҖР°Р»С-PS PSPµ РrС-С" ПI CҖPеPсCҖС,С- PіPсР·PёC,PёPIPSРsPіPс CҖС,PёPjCрP»Cр Cр PjР°PеР°Pе PIPёPrCр CҖРµP·CрCҖ, PIPёPrCҖРµCҖPёCҖCрPIР°PSPёC... CҖР°PjPсCҖС,С-РNёPSPs PіCҖPёPNёPjР°C,Pё PеPсPеР°C—PS, CҖPе C- PSPµ C" P·Р°PjC—CҖPSPёPеPсPj CҖPсР·PіC—P·PSP°PIР°Р»СҖPSPsPіPс CҖС,PёPjCрP»Cр C%PsPrPs d- P°PjC,,PµC,P°PjC-PSCр P°P±Ps C,,PµPSPsP±P°CҖP±C-С,P°P»Cр Cр PjР°PеР°Pе-СҖРµP·CрCҖ.

РлР»Р»C-PS-С±PSP° РµC,,PµPеC,PёPIPS-СҖС,СҖ C,Р° P±PµP·PіPµC±PSC-СҖС,СҖ

Р'РµРµP»PёPеPёPNё PrРµPіCҖРµCҖPёPIPSPёPNё CҖPсР·P»P°Pr

РµCҖPсPIPSPrPёP»PсCҖCҖ PrPsCҖP»C-PrP¶PµPSPSCҖ P· CрC±P°CҖС,СҖ P°PjP±CрP»P°C,PсCҖPSPёC... PіP°CҖC-С"PS-С-PI P· PrPµPіCҖРµCҖC-С"СҖ, Cр CҖPеPёC... PIC-PrP·PSP°C±P°P»P°CҖCҖ PIC-PrPіPсPIC-PrCҖ PSP° C,PµCҖР°PіC-СҖ PrPs P·Р°PIРµCҖCёPµPSPSCҖ PіPсC±P°C,PеPсPIPS— 8-С,PёP¶PSPµPIPS— PIC-PrPеCҖPёC,PсC— C,,P°P·Pё C,PµCҖР°PіC-С— CҖPµCҖС,СҖР°Р»C-PSРsPj Cр PrPsР·C- 50-200 PjPi/PrPsP±Cр. PіC- PіP°CҖC-С"PS-С,Pё (n=295) P±CрP»Pё CҖР°PSPPrPsPjC-Р·PсPIР°PSC- Cр PіCҖCрPіPё P°P±Ps PrP»CҖ PіCҖPсPrPsPIР¶PµPSPSCҖ PіCҖPёPNёPсPjCр CҖPµCҖС,СҖР°Р»C-PSCр Cр PrPsР·C- 50-200 PjPi/PrPsP±Cр, P°P±Ps PrP»CҖ PіCҖPёPNёPсPjCр PіP»P°CҖPµP±Ps PіCҖPсC,CҖPіPсPj 44 C,PёP¶PSC-PI PIC-PrPіPсPIC-PrPSPs PrPs PіPсPrPIC-РNёPSPsPіPс CҖP»C-PіPсPіPс PrPsCҖP»C-PrP¶PµPSPSCҖ. P§P°CҖС,PсC,Р° CҖРµCҖPёPrPёPIC-PI Cр PіCҖCрPіC- PіP°CҖC-С"PS-С-PI, CҖPеC- PіCҖPёPNёPjР°P»Pё CҖPµCҖС,СҖР°Р»C-PS, P±CрP»P° CҖС,Р°C,PёCҖС,PёC±PSPs P·PSP°C±CрC%Ps PSPёP¶C±PсCҖ PіPсCҖС-PIPS-PIPSРs P· PіP°CҖC-С"PS-С,P°PjPё, CҖPеC- PіCҖPёPNёPjР°P»Pё PіP»P°CҖPµP±Ps. РҮРµCҖРµPrPSCҖ PrPsР·P° ПI CрC±P°CҖPSPёPеC-PI, CҖPеC- P·Р°PIРµCҖCёPёP»Pё CрC±P°CҖС,СҖ Cр PrPsCҖP»C-PrP¶PµPSPSC-, CҖС,Р°PSPsPIPёP»P° 70 PjPi/PrPsP±Cр. P'С-PrCҖPсC,PсPе PіP°CҖC-С"PS-С-PI, CҖPеC- PIC-PrPіPсPIC-Р»Pё PSP° C,PµCҖР°PіC-СҖ (C%Ps PIPёP·PSP°C±P°P»PёCҖCҖ CҖPе PіP°CҖC-С"PS-С,Pё, ПI CҖPеPёC... PSPµ CҖPіPсCҖС,PµCҖС-PіP°PICҖCҖ CҖPµCҖPёPrPёPI) Cр PіCҖCрPіP°C... PіCҖPёPNёPсPjCр CҖPµCҖС,СҖР°Р»C-PS-С PіP»P°CҖPµP±Ps CҖС,Р°PSPsPIPёPI 83,4 % C- 60,8 % PIC-PrPіPсPIC-PrPSPs.

РµPсCҖС,С,СҖР°PIРjР°C,PёC±PSPёPNё CҖС,СҖРµCҖPсPIPёPNё CҖPсР·P»P°Pr (PµPҮPҮP)

РҖP±BҖ™C"PrPSP°PSC- PrP°PSC- P·Р°PіP°P»CҖPSPсC— PеC-Р»CҖPеPсCҖС,С- PіP°CҖC-С"PS-С-PI P· PµPҮPҮP , CҖPеC- P±CҖР°P»Pё CрC±P°CҖС,СҖ Cр 3 PrPsCҖP»C-PrP¶PµPSPSCҖC..., CҖPIC-PrC±P°C,СҖ PіCҖPс PSPёP¶C±PёPNё PIC-PrCҖPсC,PсPе PIC-PrPіPсPIC-PrC- PSP° C,PµCҖР°PіC-СҖ CҖPµCҖРµPr C±PсP»PсPIC-PеC-PI PіPсCҖС-PIPS-PIPSРs P· P¶C-PSPeP°PjPё. Pj PrPIPS... PеP»C-PS-С±PSPёC... PrPsCҖP»C-PrP¶PµPSPSCҖC... C-Р· P·Р°PіP°P»CҖPSPсCҖ PіPсPіCрP»CҖCҖC-С"СҖ P· PіPсР·PёC,PёPIPSPёPjPё CҖРµP·CрP»CҖC,Р°C,P°PjPё PIC-PrCҖPсC,PсPе PіP°CҖC-С"PS-С-PI, CҖPеC- PIC-PrPіPсPIC-Р»Pё PSP° C,PµCҖР°PіC-СҖ, CҖPµCҖРµPr P¶C-PSРsPе C- C±PсP»PсPIC-PеC-PI Cр PіCҖCрPіP°C... PіP°CҖC-С"PS-С-PI, CҖPеC- PіCҖPёPNёPjР°P»Pё CҖPµCҖС,СҖР°Р»C-PS, P±CрPі PіPсPrC-Р±PSPёPj PіPсCҖС-PIPS-PIPSРs P· PіP»P°CҖPµP±Ps (P¶C-PSPePё: 57,2 % PіPсCҖС-PIPS-PIPSРs P· 34,5 %; C±PсP»PсPIC-PеPё: 53,9 % PіPсCҖС-PIPS-PIPSРs P· 38,2 %). РлC-Р»CҖPеC-СҖС,СҖ C±PсP»PсPIC-PеC-PI C- P¶C-PSРsPе CҖPµCҖРµPr PіP°CҖC-С"PS-С-PI P·Р°PіP°P»CҖPSPсC— PсP±BҖ™C"PrPSP°PSPсC— PеC-Р»CҖPеPсCҖС,С- PrPsCҖP»C-PrP¶PµPSCҖ CҖС,Р°PSPsPIPёP»P° 184 C- 430 PIC-PrPіPсPIC-PrPSPs, PіCҖPё CҖCҖPсPjCр CҖРµP·CрP»CҖC,Р°C,Pё Cр P¶C-PSРsPе P±CрP»Pё P±C-Р»CҖCё PіPсCҖС,С-РNёPSPёPjPё, P° Cр C±PсP»PсPIC-PеC-PI PSP° PіPсC±P°C,PеPсPIPSPjCр CҖС-PIPS- CҖPіPсCҖС,PµCҖС-PіP°P»PёCҖCҖ C-PS-С- P·PjC-PS-С- PіP°CҖР°PjPµC,СҖPё (P±C-Р»CҖCёPµ P·P»PсPIР¶PёPIР°PSPSCҖ CҖРµC±PсPIPёPSP°PjPё, P±C-Р»CҖCёP° C,СҖPёPIР°P»C-СҖС,СҖ P·Р°C...PIPS-PIPSРsPIP°PSPSCҖ, PіCҖPёC±PёPSP° C,СҖР°PIРjPё), C%Ps

PePsC₇PμP»C₇PIP°P»Pë P· PjPμPSC€PsC₇ PμC,,PμPeC,PëPIPSC-Cl'C,C₇ PìC₇PμPìP°C₇P°C,Cr.

PhP₇P C₇ PìP°C₇C-C''PSC,C-PI PrPëC,C₇IC₇PsPiPs PIC-PeC₇

P'PμP·PìPμPeP° C,P° PμC,,PμPeC,PëPIPSC-Cl'C,C₇ Cl'PμC₇C,C₇P°P»C-PSCr
(50-200 PjPi/PrPsP±Cr) PIPëPIC₇P°P»PëCl'C₇ PìC₇Pë P»C-PeCrPIP°PSPSC- PrC-C,PμPN₂ (6-12
C₇PsPeC-PI) C- PìC-PrP»C-C,PeC-PI (13-17 C₇PsPeC-PI), Cl'PeC- PSPμ PjP°P»Pë
PrPμPìC₇PμCl'C-C— C,P° PìPμC₇PμP±CrPIP°P»Pë PSP° P°PjP±CrP»P°C,P₅C₇PSPsPjCr
P»C-PeCrPIP°PSPSC- P· PìC₇PëPIPsPrCr PsP±Cl'PμCl'PëPIPSPs-PePsPjPìCrP»C₇Cl'PëPIPSPsPiPs
C₇PsP·P»P°PrCr (PhP₇P). P₅PμC₇PμP· 1 C,PëP₇PrPμPSC₇ PìPμPsPrPSPsPiPs PìPμC₇C-PsPrCr
PsPrPSPsCl'C,P₅C₇PsPSPSC₇PsPiPs Cl'P»C-PìPsPiPs PìC₇PëPN₂PsPjCr PìP»P°C₇PμP±Ps
PìP°C₇C-C''PSC,C-PI C₇P°PSPPrPsPjC-P·CrPIP°P»Pë Cr PìC₇CrPìPë PìC₇PëPN₂PsPjCr
Cl'PμC₇C,C₇P°P»C-PSCr P°P±Ps PìP»P°C₇PμP±Ps PìC₇PsC,C₇PìPsPj 12 C,PëP₇PSC-PI P·
PìPSCrC₇PePëPj PrPsP·CrPIP°PSPSC₇Pj PìC₇PμPìP°C₇P°C,Cr. P''C-C,Pë (PIC-PePsPj 6-12
C₇PsPeC-PI) C₇PsP·PìPsC₇PëPSP°P»Pë P·P°Cl'C,P₅Cl'CrPIP°PSPSC₇ PìC₇PμPìP°C₇P°C,Cr P·
PrPsP·Pë 25 PjPi. Pj PìP°C₇C-C''PSC,C-PI, Cl'PeC- P±CrP»Pë C₇P°PSPPrPsPjC-P·PsPIP°PSC- Cr
PìC₇CrPìCr PìC₇PëPN₂PsPjCr Cl'PμC₇C,C₇P°P»C-PSCr, Cl'PìPsCl'C,PμC₇C-PìP°P»P₅Cl'C₇
Cl'C,P°C,PëCl'C,PëC₇PSPs P·PSP°C₇CrC°Pμ PìPsPeC₇P°C°P°PSPSC₇, PSC-P₇ Cr
PìP°C₇C-C''PSC,C-PI, Cl'PeC- PsC,C₇PëPjCrPIP°P»Pë PìP»P°C₇PμP±Ps, PIC-PrPìPsPIC-PrPSPs
PrPs PsC₇C-PSPePë P·P° P''PëC,C₇IC₇PsC₇ PsP±Cl'PμCl'PëPIPSPs-PePsPjPìCrP»C₇Cl'PëPIPSPsC₇
C€PeP°P»PsC₇ PTM PμP»C₇P·C₇P°CrPSP° CY-BOCS (p=0,005), P''P»PsP±P°P»C₇HPSPsC₇
PsP±Cl'PμCl'PëPIPSPs-PePsPjPìCrP»C₇Cl'PëPIPSPsC₇ C€PeP°P»PsC₇
P₅K°C₇C-PsPSP°P»C₇HPSPsPiPs C-PSCl'C,PëC,CrC,Cr PìCl'PëC...C-C₇PSPsPiPs
P·PrPsC₇PsPìB₇TM Cl' (NIMH) (p=0,019) C,P° C€PeP°P»PsC₇ B«P—P°PìP°P»C₇HPSP°
PeP»C-PSC-C₇PSP° PsC₇C-PSPeP° B₇'' PìPsPeC₇P°C°PμPSPSC₇IB» (p=0,002). P₇C₇C-Pj
C,P₅PiPs, Cr PìP°C₇C-C''PSC,C-PI Cr PìC₇CrPìC- PìC₇PëPN₂PsPjCr Cl'PμC₇C,C₇P°P»C-PSCr
PìPsC₇C-PIPSC₇IPSPs P· PìC₇CrPìPsC₇ PìC₇PëPN₂PsPjCr PìP»P°C₇PμP±Ps
Cl'PìPsCl'C,PμC₇C-PìP°P»P°Cl'C₇ C,PμPSPPrPμPSC₇C-Cl' PrPs P±C-P»C₇HC€PsPiPs
PìPsPeC₇P°C°PμPSPSC₇ P·P° C€PeP°P»PsC₇ B«P—P°PìP°P»C₇HPSP° PeP»C-PSC-C₇PSP°
PsC₇C-PSPeP° B₇'' C,C₇P₇PeC-Cl'C,C₇ P·P°C...PIPSC₇C₇PIP°PSPSC₇IB» (p=0,089).
P₇YμC₇PμPrPSC₇ PeC-P»C₇HPeC-Cl'C,C₇ P±P°P»C-PI P·P° C€PeP°P»PsC₇ CY-BOCS PSP°
PìPsC₇P°C,PePsPiPsPjCr C₇C-PIPSC- C,P° Cl'PμC₇PμPrPSC₇ P·PjC-PSP° PeC-P»C₇HPePsCl'C,C-
P±P°P»C-PI PìPsC₇C-PIPSC₇IPSPs P· PìPsC₇P°C,PePsPiPëPj C₇C-PIPSPμPj Cr PìC₇CrPìC-
PìP°C₇C-C''PSC,C-PI, Cl'PeC- PsC,C₇PëPjCrPIP°P»Pë PìP»P°C₇PμP±Ps, Cl'C,P°PSPsPiPëP»Pë
22,25B±6,15 C- - 3,4B±0,82 PIC-PrPìPsPIC-PrPSPs, Cr C,P₅PN₂ C₇P°Cl', Cl'Pe Cr PìC₇CrPìC-
PìP°C₇C-C''PSC,C-PI, Cl'PeC- PsC,C₇PëPjCrPIP°P»Pë Cl'PμC₇C,C₇P°P»C-PS, Cl'PμC₇PμPrPSC₇
PeC-P»C₇HPeC-Cl'C,C₇ P±P°P»C-PI PSP° PìPsC₇P°C,PePsPiPsPjCr C₇C-PIPSC- C,P°
Cl'PμC₇PμPrPSC₇ P·PjC-PSP° PeC-P»C₇HPePsCl'C,C- P±P°P»C-PI PìPsC₇C-PIPSC₇IPSPs P·
PìPsC₇P°C,PePsPiPëPj C₇C-PIPSPμPj Cl'C,P°PSPsPiPëP»Pë 23,36B±4,56 C- - 6,8B±0,87
PIC-PrPìPsPIC-PrPSPs. Pj post-hoc P°PSP°P»C-P-C- PIC-PrCl'PsC,P₅Pe PìP°C₇C-C''PSC,C-PI,
Cl'PeC- PIC-PrPìPsPIC-P»Pë PSP° C,PμC₇P°PìC-C₇ C,P° PìPëP·PSP°C₇P°P»PëCl'C₇ Cl'Pe
PìP°C₇C-C''PSC,Pë P·C- P·PSPëP₇PμPSPSC₇Pj PSP° 25 % (P°P±Ps P±C-P»C₇HC€Pμ)
PeC-P»C₇HPePsCl'C,C- P±P°P»C-PI P·P° C€PeP°P»PsC₇ CY-BOCS (PìPμC₇PIPëPSPSPëPN₂
PìP°C₇P°PjPμC,C₇ PμC,,PμPeC,PëPIPSPsCl'C,C-) PIC-Pr PìPsPeP°P·PSPëPeC-PI
PìPsC₇P°C,PePsPiPsPiPs C₇C-PIPSC₇ PrPs PeC-PSC₇PμPiPsC— C,P₅C₇PePë, Cl'C,P°PSPsPiPëPI 53
% Cr PìC₇CrPìC- PìC₇PëPN₂PsPjCr Cl'PμC₇C,C₇P°P»C-PSCr PìPsC₇C-PIPSC₇IPSPs P· 37 % Cr
PìC₇CrPìC- PìP»P°C₇PμP±Ps (C₇=0,03).

P''P°PSC- C°P₅PrPs PrPsPiPiPsCl'C,C₇PsPePsPiPsC— P±PμP·PìPμPePë C,P°
PμC,,PμPeC,PëPIPSPsCl'C,C- PìC₇PμPìP°C₇P°C,Cr Cr C₇C-PN₂ PìPsPìCrP»C₇IC₇C-C—
PìP°C₇C-C''PSC,C-PI PrPëC,C₇IC₇PsPiPs PIC-PeCr PIC-PrCl'CrC,PSC-. P''P°PSC- PìC₇Ps

P·P°CíC,PsCíCíPíP°PSPSCí CíPµCĤC,CĤP°P»C-PSCí PrC-C,CíPj PIC-PePsPj PrPs 6
CĤPsPeC-PI PIC-PrCíCíC,PS-.

PαP°CĤPjP°PePsPeC-PSPµC,PēPeP°.

PĥP±CíPScĤP±C†C-Cí

PαP°CĤPjP°PePsPeC-PSPµC,PēPeP° CíPµCĤC,CĤP°P»C-PSCí Cí PrC-P°PíP°P·PsPSC- PrPsP·
PIC-Pr 50 PrPs 200 PjPi C" PrPsP·PsP·P°P»PµP¶PSPScĤ. PµCĤPsC,CíPiPsPj 14-PrPµPSPSPsPiPs
PíCĤPēPñPsPjCí CíPµCĤC,CĤP°P»C-PSCí C-P· PrPsP·CíPíP°PSPSCíPj 50-200 PjPi
(PíPµCĤPsCĤP°P»CHPSPs, 1 CĤP°P· PSP° PrPsP±Cí) Cí P»CĤPrPµPñ, PíC-Pe
PePsPSC†PµPSC,CĤP°C†C-C— CíPµCĤC,CĤP°P»C-PSCí Cí PíP»P°P·PjC- PeCĤPsPIC-
PrPsCíCíPiP°C"C,CHCíCí C†PµCĤPµP· 4,5-8,4 PiPsPrPēPSPē PíC-CíP»Cí
C%PsPrPµPSPSPsPiPs PíCĤPēPñPsPjCí PíCĤPµPíP°CĤP°C,Cí. P†P¶P° CíCíC,C,C"PIPs PSPµ
P·PjC-PSCĤC" P±C-PsPrPsCíC,CíPíPSC-CíC,CH CíPµCĤC,CĤP°P»C-PSCí Cí
C,P°P±P»PµC,PeP°C....

P PsP·PíPsPrC-P»

PµCĤPēP±P»PēP·PSPs 98 % C†PēCĤPeCíP»CĤCĤC†PsPiPs CíPµCĤC,CĤP°P»C-PSCí
P·PíBĤ™ CíP·CíC"C,CHCíCí P· P±C-P»PeP°PjPē PíP»P°P·PjPē PeCĤPsPIC-.

P'C-PsC,CĤP°PSCíC,,PsCĤPjP°C†C-Cí

PŸPµCĤC,CĤP°P»C-PS P·P°P·PSP°C" C-PSC,PµPSCíPēPIPSPsPiPs PíCĤPµCíPēCíC,PµPjPSPsPiPs
PjPµC,P°P±PsP»C-P·PjCí (B«PµC,,PµPeC, PíPµCĤC€PsPiPs PíCĤPsC...PsPrP¶PµPSPSCíB») Cí
PíPµC†C-PSC†C-.

P'P°P·CíCĤC†PēCíCĤ PSP° PrP°PSPēC... PeP»C-PSC-C†PSPēC... PrPsCíP»C-PrP¶PµPSCĤ C,P°
PrPsCíP»C-PrP¶PµPSCĤ *in vitro*, PjPsP¶PSP° P·CĤPsP±PēC,Pē PíPēCíPSPsPiPsPe, C%Ps
CíPµCĤC,CĤP°P»C-PS PjPµC,P°P±PsP»C-P·CíC"C,CHCíCí P±P°PíP°C,CHPjP°
C€P»CíC...P°PjPē, Cí C,PsPjCí C†PēCíP»C- P·P° CíC†P°CíC,CĤ C,,PµCĤPjPµPSC,C-PI CYP3A4,
CYP2C19 C,P° CYP2B6 (PrPēPI. CĤPsP·PrC-P» B«P'P·P°C"PjPsPrC-Cí P· C-PSC€PēPjPē
P»C-PeP°CĤCíCĤPePēPjPē P·P°CíPSP±P°PjPē C,P° C-PSC€C- PíPēPrPē PíP·P°C"PjPsPrC-PñB»).
PŸPµCĤC,CĤP°P»C-PS C,P° PñPsPiPs PsCíPSPsPíPSPēPñ PjPµC,P°P±PsP»C-C,
PrPµP·PjPµC,PēP»CíPµCĤC,CĤP°P»C-PS C,P°PePsP¶ C" CíCíP±CíC,CĤP°C,P°PjPē P -
PíP»C-PePsPíCĤPsC,PµC—PSCí PI CíPjPsPíP°C... *in vitro*.

P·P»C-PjC-PSP°C†C-Cí

PŸPµCĤPµPrPSC-Pñ PíPµCĤC-PsPr PSP°PíC-PIPIPēPIPµPrPµPSPSCí CíPµCĤC,CĤP°P»C-PSCí
CíC,P°PSPsPíPēC,CH PíCĤPēP±P»PēP·PSPs 26 PiPsPrPēPS (Cí PrC-P°PíP°P·PsPSC- PIC-Pr 22
PrPs 36 PiPsPrPēPS). P'C-PrPíPsPIC-PrPSPs PrPs C,PµCĤPjC-PSP°P»CHPSPsPiPs
PíPµCĤC-PsPrCí PSP°PíC-PIPIPēPIPµPrPµPSPSCí CíPíPsCíC,PµCĤC-PíP°C"C,CHCíCí
PeCíPjCíP»CíC†C-Cí PíCĤPµPíP°CĤP°C,Cí (P·C- P·P±C-P»CHC€PµPSPSCíPj PñPsPiPs
CĤC-PIPSCí PíCĤPēP±P»PēP·PSPs PíPrPIC-C†C-) PíCĤPē PrPsCíCíPiPSPµPSPSC-
CĤC-PIPSPsPíP°P¶PSPēC... PePsPSC†PµPSC,CĤP°C†C-Pñ, CíPeC-
CíPíPsCíC,PµCĤC-PíP°CĤC,CHCíCí PíC-CíP»Cí P·P°CíC,PsCíCíPíP°PSPSCí
PíCĤPµPíP°CĤP°C,Cí Cí PrPsP·C- 1 CĤP°P· PSP° PrPsP±Cí PíCĤPsC,CíPiPsPj 1 C,PēP¶PSCí.
PµPµCĤC-PsPr PSP°PíC-PIPIPēPIPµPrPµPSPSCí PrP»Cí N-

PrPμP·PjPμC,PeP»CΓPμCḡC,CḡP°P»C-PSCr CΓC,P°PSPsPIPeC,CH 62-104 PiPsPrPePSPe.
PŸPμCḡC,CḡP°P»C-PS C,P° N-PrPμP·PjPμC,PeP»CΓPμCḡC,CḡP°P»C-PS C-PSC,PμPSCΓPēPIPSPs
PjPμC,P°P±PsP»C-P·CḡCḡC,CHCΓCḡC PI PsCḡPiP°PSC-P·PjC- P»CḡPrPePSPe, C—C...
PeC-PSCΓPμPIC- PjPμC,P°P±PsP»C-C,Pē PIPēPIPsPrCḡC,CHCΓCḡC P· PeP°P»PsPj C,P°
CΓPμC±PμCḡC PI PsPrPSP°PePsPIPeC... PeC-P»CHPePsCΓC,CḡC.... PŸC-P»CHPePe PrCḡPḡPμ
PSPμP·PSP°C±PSP° C±P°CΓC,PēPSP° (< 0,2 %) CΓPμCḡC,CḡP°P»C-PSCr PIPēPIPsPrPeC,CHCΓCḡC
P· CΓPμC±PμCḡC Cḡ PSPμP·PjC-PSPμPSPsPjCḡ PIPēPiP»CḡPrC-.

PαP°CḡPjP°PePsPeC-PSPμC,PēPeP° PI PsPeCḡPμPjPeC... PiCḡCḡPiP°C... PiP°CΓC-C''PSC,C-PI

P''C-C,Pē P· PhPḡP

PαP°CḡPjP°PePsPeC-PSPμC,PēPeP° CΓPμCḡC,CḡP°P»C-PSCr PIPēPIC±P°P»P°CΓCḡC Cḡ 29
PrC-C,PμPNē PIC-PePsPj 6-12 CḡPsPeC-PI C,P° Cḡ 32 PiC-PrP»C-C,PeC-PI PIC-PePsPj 13-17
CḡPsPeC-PI. Pj CΓPeC... PiP°CΓC-C''PSC,C-PI PiPsCΓC,CḡPiPsPIPs P·P±C-P»CHCēCḡPiP°P»Pē
PrPsP·Cḡ CēP»CḡC...PsPj C—C— C,PēC,CḡCḡPiP°PSPSCḡ PrPs PrPsP±PsPIPsC— PrPsP·Pē
200 PjPi PiCḡPsC,CḡPiPsPj 32 PrPSC-PI, PiPsC±PePSP°CḡC±Pē P· PrPsP·Pē P°P±Ps 25 PjPi,
P°P±Ps 50 PjPi P· PiPsCΓC,CḡPiPsPIPePj P·P±C-P»CHCēPμPSPSCḡPj. PμCḡPē
P·P°CΓC,PsCΓCḡPiP°PSPSC- PiCḡPμPiP°CḡP°C,Cḡ Cḡ PrPsP·P°C... 25 PjPi C,P° 50 PjPi
PiPμCḡPμPSPsCΓPēPjC-CΓC,CH P±CḡP»P° PsPrPSP°PePsPIPsCḡ. Pj CḡC-PIPSsPIP°PḡPSPsPjCḡ
CΓC,P°PSC- PiCḡPē P·P°CΓC,PsCΓCḡPiP°PSPSC- PiCḡPμPiP°CḡP°C,Cḡ Cḡ PrPsP·C- 200 PjPi
PePsPSCΓPμPSC,CḡP°CΓC-C— CΓPμCḡC,CḡP°P»C-PSCr Cḡ PiP»P°P·PjC- PeCḡPsPIC- Cḡ
PiCḡCḡPiC- PrC-C,PμPNē PIC-PePsPj 6-12 CḡPsPeC-PI P±CḡP»Pē PiCḡPēP±P»PēP·PSPs PSP° 35 %
PIPeC%oC- PiPsCḡC-PIPSḡPSPs P· C,P°PePePjPe Cḡ PiCḡCḡPiC- PiP°CΓC-C''PSC,C-PI PIC-PePsPj
13-17 CḡPsPeC-PI C- PSP° 21 % PIPēC%oC- PiPsCḡC-PIPSḡPSPs P· CḡPμC,,PμCḡPμPSC,PSPsCḡ
PiCḡCḡPiPsCḡ PrPsCḡPsCΓP»PēC.... PkPμ CΓPiPsCΓC,PμCḡC-PiP°P»PsCΓCḡC
P·PSP°C±CḡC%oPēC... PIC-PrPjC-PSPSPsCΓC,PμPNē PjC-Pḡ PiPsPeP°P·PSPēPeP°PjPe
PeP»C-CḡPμPSCΓCḡ Cḡ C...P»PsPiC±PePeC-PI C,P° PrC-PIC±P°C,PsPe. PŸP°PePePj C±PePSPsPj,
PrP»CḡC P·P°CΓC,PsCΓCḡPiP°PSPSCḡ PiCḡPμPiP°CḡP°C,Cḡ PrC-C,CḡPj, PsCΓPsP±P»PēPIPs P·
PSPēP·CHPePsCḡ PjP°CΓPsCḡ C,C-P»P°, CḡPμPePsPjPμPSPPrCḡC''C,CHCΓCḡC PSPēP·CHPeP°
PiPsC±P°C,PePsPIP° PrPsP·P° C- C—C— P·P±C-P»CHCēPμPSPSCḡ PiCḡPē
C,PēC,CḡCḡPiP°PSPSC- PrPsP·Pē P· PeCḡPsPePsPj Cḡ 25 PjPi. PμC-PrP»C-C,PeP°Pj PjPsPḡPSP°
P·P°CΓC,PsCΓPsPICḡPiP°C,Pē C,P°PeC- Pḡ PrPsP·Pē, C%oPs PNē PrPsCḡPsCΓP»PēPj.

PμC-PrP»C-C,PePe C,P° PiP°CΓC-C''PSC,Pē P»C-C,PSCHPsPiPs PIC-PeCḡ

PαP°CḡPjP°PePsPeC-PSPμC,PēC±PSPēPNē PiCḡPsC,,C-P»CH CΓPμCḡC,CḡP°P»C-PSCr Cḡ
PiC-PrP»C-C,PeC-PI C,P° PI PsCΓC-P± P»C-C,PSCHPsPiPs PIC-PeCḡ P·PSP°C±CḡC%oPμ PSPμ
PIC-PrCḡC-P·PSCḡC''C,CHCΓCḡC PIC-Pr C,P°PePsPiPs Cḡ PrPsCḡPsCΓP»PēC... PIC-PePsPj 18-65
CḡPsPeC-PI.

PμPsCḡCḡCēPμPSPSCḡC,,CḡPSPeCΓC-PNē PiPμC±C-PSPePe

Pj PiP°CΓC-C''PSC,C-PI P· CḡCēPePsPrPḡPμPSPSCḡPj PiPμC±C-PSPePe PiPμCḡC-PsPr
PSP°PiC-PIPIPePIPμPrPμPSPSCḡ CΓPμCḡC,CḡP°P»C-PSCr PiPsPrPsPIPḡCḡC''C,CHCΓCḡC C-
PiP»PsC%oP° PiC-Pr C,,P°CḡPjP°PePsPeC-PSPμC,PēC±PSPsCḡ PeCḡPēPIPsCḡ (AUC)
P·P±C-P»CHCēCḡC''C,CHCΓCḡC PIC,CḡPēC±C- (PrPePI. CḡPsP·PrC-P»Pē B«PŸPiPsCΓC-P±
P·P°CΓC,PsCΓCḡPiP°PSPSCḡ C,P° PrPsP·PēB» C,P° B«PhCΓPsP±P»PēPIPsCΓC,C-
P·P°CΓC,PsCΓCḡPiP°PSPSCḡB»).

PμPsCḡCḡCēPμPSPSCḡC,,CḡPSPeCΓC-PNē PSPēCḡPsPe

PJ PiP°C†C-C''PSC,C-PI C-P· PiPsCḡCfC€PμPSPSCḡPj C,,CfPSPeC†C-C— PSPëCḡPsPe
PiPsPjC-CḡPSPsPiPs P°P±Ps C,CḡP¶PePsPiPs CfC,CfPiPμPSCḡ PSPμ
PIC-PrP·PSP°C†P°P»PsCfCḡ P·PSP°C†CfC%PsC— PeCfPjCfP»CḡC†C-C—
CfPμCḡC,CḡP°P»C-PSCf.

PαP°CḡPjP°PePsPiPμPSPsPjC-PeP°

P' PsCfC-P± P· PiPsPIC-P»CHbPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19 CḡC-PIPSC-
CfPμCḡC,CḡP°P»C-PSCf PI PiP»P°P·PjC- PeCḡPsPIC- P±CfP»Pë PiCḡPëP±P»PëP·PSPs PSP° 50 %
PIPëC%oC- PiPsCḡC-PIPSCḡPSPs P· PsCfPsP±P°PjPë P· C€PIPëPrPePëPj
PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19. PḡP»C-PSC-C†PSPμ P·PSP°C†PμPSPSCḡ C†CHbPsPiPs
CḡPIPëC%oP° PSPμ P·bḡ™ CḡCfPsPIP°PSPμ, C,PsPjCf C,PëC,CḡCfPIP°PSPSCḡ PrPsP·Pë
PiPsC,CḡC-P±PSPμ, P·P°P»PμP¶PSPs PIC-Pr PeP»C-PSC-C†PSPsC— PIC-PrPiPsPIC-PrC-
PiP°C†C-C''PSC,P°.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPëCfC,PëPePë.

PμPsPeP°P·P°PSPSCḡ.

PŸPμCḡC,CḡP°P»C-PS PiPsPeP°P·P°PSPëPNḡ PrP»Cḡ P»C-PeCfPIP°PSPSCḡ
PSP°CfC,CfPiPSPëC... CḡPsP·P»P°PrC-PI :

- P'PμP»PëPeC- PrPμPiCḡPμCfPëPIPSC- PμPiC-P·PsPrPë. P—P°PiPsP±C-PiP°PSPSCḡ
CḡPμC†PëPrPëPICf PIPμP»PëPePëC... PrPμPiCḡPμCfPëPIPSPëC... PμPiC-P·PsPrC-PI.
- PμP°PSC-C†PSC- CḡPsP·P»P°PrPë P· PSP°CḡPIPSC-CfC,Cḡ P°P±Ps
PIC-PrCfCfC,PSC-CfC,Cḡ P°PiPsCḡP°C,,PsP±C-C—.
- PhP±CfPμCfPëPIPSPs-PePsPjPiCfP»CHbCfPëPIPSPëPNḡ CḡPsP·P»P°Pr (PhPḡP) Cf
PrPsCḡPsCfP»PëC... C,P° PrC-C,PμPNḡ PIC-PePsPj 6-17 CḡPsPeC-PI.
- PŸPsC†C-P°P»CHbPSPëPNḡ C,CḡPëPIPsP¶PSPëPNḡ CḡPsP·P»P°Pr.
- PμPsCfC,C,CḡP°PIPjP°C,PëC†PSPëPNḡ CfC,CḡPμCfPsPIPëPNḡ CḡPsP·P»P°Pr (PμPŸPŸP).

PμCḡPsC,PëPiPsPeP°P·P°PSPSCḡ.

PμC-PrPIPëC%oPμPSP° C†CfC,P»PëPIC-CfC,CHb PrPs PrC-CḡC†PsC— CḡPμC†PsPIPëPSPë P°P±Ps
PrPs P±CfPrCHb-CḡPePsC— P· PrPsPiPsPjC-P¶PSPëC... CḡPμC†PsPIPëPS.

PμCḡPsC,PëPiPsPeP°P·P°PSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ CfPμCḡC,CḡP°P»C-PSCf CḡP°P·PsPj
P· C-PSPiC-P±C-C,PsCḡP°PjPë PjPsPSPsP°PjC-PSPsPsPeCfPëPrP°P·Pë (PhPḡPh)
PSPμP·PIPsCḡPsC,PSPsC— PrC-C— Cf P·PIbḡ™ CḡP·PeCf P· CḡPëP·PëPePsPj CḡPsP·PIPëC,PeCf
CfPμCḡPsC,PsPSC-PSPsPIPsPiPs CfPëPSPrCḡPsPjCf P· PiCḡPsCḡPIP°PjPë C,P°PePëC...
CfPëPjPiC,PsPjC-PI CḡPe P·P±CfPrP¶PμPSPSCḡ, C,CḡPμPjPsCḡ C,P° PiC-PiPμCḡC,PμCḡPjC-Cḡ.
P PsP·PiPsC†PëPSP°C,Pë C,PμCḡP°PiC-Cḡ CfPμCḡC,CḡP°P»C-PSPsPj PSPμ PjPsP¶PSP°
C%oPsPSP°PNḡPjPμPSC€Pμ PiCḡPsC,CḡPiPsPj 14 PrPSC-PI PiC-CfP»Cḡ PiCḡPëPiPëPSPμPSPSCḡ
PeCfCḡCfCf P»C-PeCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡPsPj PhPḡPh
PSPμP·PIPsCḡPsC,PSPsC— PrC-C—. P—P°CfC,PsCfCfPIP°PSPSCḡ CfPμCḡC,CḡP°P»C-PSCf
CfP»C-Pr PiCḡPëPiPëPSPëC,Pë C%oPsPSP°PNḡPjPμPSC€Pμ P·P° 7 PrPSC-PI PrPs PiPsC†P°C,PeCf

C, P_μCT_hP°PīC-C— C-PSPiC-P±C-C, PsCT_hPsPj P_hP_hP_h P_{SPμ}P·PIPsCT_hPsC, P_{SP}Sc— PrC-C—.
P_μCT_hPsC, PēPīPsPeP°P·P°P_{SPμ} PsPrP_{SP}Sc±P°CīP_{SPμ} P·P°CīC, PsCīCīPīP°P_{SP}SCī
CīP_μCT_hC, CT_hP°P»C-PSCī C, P° PīC-PjPsP·PēPrCī (PrPēPI. CT_hPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cī P·
C-PSCēPēPjPē P»C-PeP°CT_hCīChPePēPjPē P·P°CīPsP±P°PjPē C, P° C-PSCēC- PīPēPrPē
PīP·P°C”PjPsPrC-PN₂B»).

**P·P·P°C”PjPsPrC-Cī P· C-PSCēPēPjPē P»C-PeP°CT_hCīChPePēPjPē
P·P°CīPsP±P°PjPē C, P° C-PSCēC- PīPēPrPē PīP·P°C”PjPsPrC-PN₂.**

P_μCT_hPsC, PēPīPsPeP°P·P°P_{SP}Sc-

P†P_{SPiC}-P±C-C, PsCT_hPē PjPsP_{SP}ScP°PjC-P_{SP}ScCīPēPrP°P·Pē

P_hP_hP_hP† P_{SPμ}P·PIPsCT_hPsC, P_{SP}Sc— PrC-C— (P_{SP}°PīCT_hPēPeP»P°Pr CīP_μP»P_μPiC-P»C-PS)

P_μCT_hPsC, PēPīPsPeP°P·P°P_{SPμ} P·P°CīC, PsCīCīPīP°P_{SP}SCī CīP_μCT_hC, CT_hP°P»C-PSCī CT_hP°P·PsPj
P· P_hP_hP_hP† P_{SPμ}P·PIPsCT_hPsC, P_{SP}Sc— PrC-C—, C, P°PePēPjPē CīPe CīP_μP»P_μPiC-P»C-PS.
PŸP_μCT_hC, CT_hP°P»C-PS P_{SPμ} PjPsP¶P_{SP}° PīCT_hPēP·P_{SP}°C±P°C, Pē C%₀₀PsP_{SP}°PN₂PjP_μPSCēP_μ
PīCT_hPsC, CīPīPsPj 14 PrP_{SC}-PI PīC-CīP»Cī PīCT_hPēPīPēP_{SPμ}P_{SP}SCī PeCīCT_hCīCī
P»C-PeCīPīP°P_{SP}SCī P_hP_hP_hP† P_{SPμ}P·PIPsCT_hPsC, P_{SP}Sc— PrC-C—.
P—P°CīC, PsCīCīPīP°P_{SP}SCī CīP_μCT_hC, CT_hP°P»C-PSCī CīP»C-Pr PīCT_hPēPīPēP_{SP}Sc, Pē
C%₀₀PsP_{SP}°PN₂PjP_μPSCēP_μ P·P° 7 PrP_{SC}-PI PrPs PīPsC±P°C, PeCī C, P_μCT_hP°PīC-C— P_hP_hP_hP†
P_{SPμ}P·PIPsCT_hPsC, P_{SP}Sc— PrC-C— (PrPēPI. CT_hPsP·PrC-P»
B«P_μCT_hPsC, PēPīPsPeP°P·P°P_{SP}SCīB»).

PŸP_μP»P_μPeC, PēPīP_{SP}ScPN₂ C-PSPiC-P±C-C, PsCT_h P·PIPsCT_hPsC, P_{SP}Sc— PrC-C— P_hP_hP_h-P_h
(PjPsPeP»PsP±P_μPjC-Pr)

Pj P·PIB_h[™] CīP·PeCī P· CT_hPēP·PēPePsPj CT_hPsP·PīPēC, PeCī CīP_μCT_hPsC, PsP_{SC}-P_{SP}ScPīPs
CīPēP_{SP}PrCT_hPsPjCī P_{SPμ} CīP»C-Pr P·P°CīC, PsCīPsPICīPīP°C, Pē CīP_μCT_hC, CT_hP°P»C-PS Cī
PePsPjP±C-P_{SP}°C†C-C— P· CīP_μP»P_μPeC, PēPīP_{SP}ScPjPē P_hP_hP_hP† P·PIPsCT_hPsC, P_{SP}Sc—
PrC-C—, C, P°PePēPjPē CīPe PjPsPeP»PsP±P_μPjC-Pr. P_μC-CīP»Cī PIC-PrPjC-P_{SP}Sc
C-PSPiC-P±C-C, PsCT_hC-PI P_hP_hP_h P·PIPsCT_hPsC, P_{SP}Sc— PrC-C— PīP_μCT_hC-PsPr PrPs
PīPsC±P°C, PeCī C, P_μCT_hP°PīC-C— CīP_μCT_hC, CT_hP°P»C-P_{SP}ScPj PjPsP¶P_μ P±CīC, Pē
PePsCT_hPsC, CēPēPj P·P° 14 PrP_{SC}-PI. P P_μPePsPjP_μP_{SP}PrCīC”C, ChCīCī PīCT_hPēPīPēP_{SP}Sc, Pē
P·P°CīC, PsCīCīPīP°P_{SP}SCī CīP_μCT_hC, CT_hP°P»C-PSCī C%₀₀PsP_{SP}°PN₂PjP_μPSCēP_μ P·P° 7
PrP_{SC}-PI PrPs PīPsC±P°C, PeCī C, P_μCT_hP°PīC-C— P_hP_hP_h P·PIPsCT_hPsC, P_{SP}Sc— PrC-C— (PrPēPI.
CT_hPsP·PrC-P» B«P_μCT_hPsC, PēPīPsPeP°P·P°P_{SP}SCīB»).

PkP_μCīP_μP»P_μPeC, PēPīP_{SC}- C-PSPiC-P±C-C, PsCT_hPē P_hP_hP_h P·PIPsCT_hPsC, P_{SP}Sc— PrC-C—
(P»C-P_{SPμ}P·PsP»C-Pr)

P_hP_{SC}, PēP±C-PsC, PēPe P»C-P_{SPμ}P·PsP»C-Pr C” CīP»P°P±PePēPj P_{SPμ}CīP_μP»P_μPeC, PēPīP_{SP}ScPj
P_hP_hP_hP† P·PIPsCT_hPsC, P_{SP}Sc— PrC-C—, CīPePēPN₂ P_{SPμ} CīP»C-Pr
P·P°CīC, PsCīPsPICīPīP°C, Pē PīP°C†C-C”P_{SC}, P°Pj, CīPeC- PīCT_hPēPN₂PjP°C_hC, Ch
CīP_μCT_hC, CT_hP°P»C-PS (PrPēPI. CT_hPsP·PrC-P» B«P_μCT_hPsC, PēPīPsPeP°P·P°P_{SP}SCīB»).

P’CīP»Pē P·P°CT_hP_μC”CīC, CT_hPsPīP°P_{SC}- C, CīP¶PēC- PīPsP±C-C±P_{SC}- CT_hP_μP°PeC†C-C— Cī
PīP°C†C-C”P_{SC}, C-PI, CīPeC- P_{SPμ}C%₀₀PsPrP°PīP_{SP}Sc PīCT_hPēPīPēP_{SP}ScP»Pē
P·P°CīC, PsCīCīPīP°P_{SP}SCī P_hP_hP_hP† (P_{SP}°PīCT_hPēPeP»P°Pr, PjP_μC, PēP»P_μP_{SP}ScPīPēPN₂

СГРёPSC-PM) C- CЪPcP·PіPcC±P°P»Pё PіCЪPёPMёPcPj CГPµCЪC,CЪP°P»C-PSCr, P°P±Pc CІPеC-
PіCЪPёPіPёPSPёP»Pё C,PµCЪP°PіC-CЪ CГPµCЪC,CЪP°P»C-PSPcPj PSPµP·P°PrPcPіPіPc PrPc
PіPcC±P°C,Pecr P·P°CГC,PcCГCрPіP°PSPSCІ PёPёPёPіPі. PіC- CЪPµP°PecC+C-C—
PіPеP»CЪC±P°P»Pё C,CЪPµPjPcCЪ, PjC-PcPеP»PcPSC-CЪ, PіPcCГPёP»PµPSPµ
PіPcC,PcPіPёPrC-P»PµPSPSCІ, PSCrPrPcC,Cr, P±P»CЪPіP°PSPSCІ, PіC-PіPµCЪPµPjC-CЪ,
P·P°PіP°PjPcCЪPcC±PµPSPSCІ C,P° PіC-PіPµCЪC,PµCЪPjC-CЪ P· PіCЪPcCІPіP°PjPё, C%Pc
PSP°PіP°PrCрPіP°P»Pё PSPµPMёCЪPcP»PµPіC,PёC±PSPёPMё P·P»PcCІPеC-CГPSPёPMё
CГPёPSPPrCЪPcPj, CГCрPrPcPjPё C- P»PµC,P°P»CЪPSPёPMё PSP°CГP»C-PrPcPе.

PµC-PjPcP·PёPr

Pj PrPcCГP»C-PrP¶PµPSPSC- P· PcPrPSPcPеCЪP°C,PSPёPj PіCЪPёPMёPcPjPcPj PSPёP·CЪPеPcC—
PrPcP·Pё PіC-PjPcP·PёPrCр (2 PjPi) CГPіPcCГC,PµCЪC-PіP°P»PcCГCІ P·P±C-P»CЪCёPµPSPSCІ
CЪC-PіPSCІ PіC-PjPcP·PёPrCр PіCЪPёP±P»PёP·PSPc PSP° 35 %. PіPµ PіC-PrPіPёC%PµPSPSCІ
CЪC-PіPSCІ PSPµ CГCрPіCЪPcPіPcPrP¶CрPіP°P»PcCГCІ P¶PcPrPSPёPjPё P·PjC-PSP°PjPё
PіPcPеP°P·PSPёPеC-Pі P·PёP". PГPcC±P° PjPµC...P°PSC-P·Pj C+C-C"C— PіP·P°C"PjPcPrC-C—
PSPµPіC-PrPcPjPёPMё, PcPrPSPcC±P°CГPSPµ P·P°CГC,PcCГCрPіP°PSPSCІ
CГPµCЪC,CЪP°P»C-PSCr C- PіC-PjPcP·PёPrCр PіCЪPcC,PёPіPcPеP°P·P°PSPµ Cr
P·PіBЪ™ CІP·PеCр P· PіCрP·CЪPеPёPj C,PµCЪP°PіPµPіC,PёC±PSPёPj PrC-P°PіP°P·PcPSPcPj
PіC-PjPcP·PёPrCр (PrPёPі. CЪPcP·PrC-P» B«PµCЪPcC,PёPіPcPеP°P·P°PSPSCІB»).

PkPµ CЪPµPеPcPjPµPSPPrCрC"C,CЪCГCІ PcPrPSPcC±P°CГPSPµ
P·P°CГC,PcCГCрPіP°PSPSCІ P· CГPµCЪC,CЪP°P»C-PSPcPj

P—P°CГPcP±Pё, CІPеC- PіCЪPёPіPSC-C±CзCЪC,CЪ PіPkPŸ, C- P°P»PеPcPіPcP»CЪ

PёPrPSPcC±P°CГPSPµ P·P°CГC,PcCГCрPіP°PSPSCІ CГPµCЪC,CЪP°P»C-PSCr Cr PrPcP·C-
200 PjPi PSP° PrPcP±Cr PSPµ PіPcC,PµPSC+C-CЪPіP°P»Pc PµC,,PµPеC,Pё P°P»PеPcPіPcP»CЪ,
PеP°CЪP±P°PjP°P·PµPіC-PSCr, PіP°P»PcPіPµCЪPёPrPcP»Cr P°P±Pc C,,PµPSC-C,PcC—PSCr
C%PcPrPc PеPcPіPSC-C,PёPіPSPёC... C,P° PіCГPёC...PcPjPcC,PcCЪPSPёC... C,,CрPSPеC+C-PMё Cr
P·PrPcCЪPcPіPёC... CrC±P°CГPSPёPеC-Pі PrPcCГP»C-PrP¶PµPSPSCІ, PcPrPSP°Pе
PcPrPSPcC±P°CГPSPµ P·P°CГC,PcCГCрPіP°PSPSCІ CГPµCЪC,CЪP°P»C-PSCr P·
P°P»PеPcPіPcP»PµPj PSPµ CЪPµPеPcPjPµPSPPrCрC"C,CЪCГCІ.

P†PSCёC- CГPµCЪPcC,PcPSC-PSPµCЪPіC-C±PSC- P»C-PеP°CЪCГCЪPеC- P·P°CГPcP±Pё

(PrPёPі. CЪPcP·PrC-P» B«PёCГPcP±P»PёPіPcCГC,C- P·P°CГC,PcCГCрPіP°PSPSCІB»).

PµPcC,CЪPµP±CrC" PcP±PµCЪPµP¶PSPcCГC,C- PcPrPSPcC±P°CГPSPµ
PіCЪPёP·PSP°C±PµPSPSCІ CГPµCЪC,CЪP°P»C-PSCr P· C,,PµPSC,P°PSC-P»PcPj (C%Pc
P·P°CГC,PcCГPcPіCрC"C,CЪCГCІ PіPµCЪPµPіP°P¶PSPc PіC-Pr C±P°CГ P·P°PіP°P»CЪPSPcPіPc
PSP°CЪPеPcP·Cr C,P° Pі C,PµCЪP°PіC-C— C...CЪPcPSC-C±PSPcPіPc P±PcP»CЪ), C-PSCёPёPjPё
CГPµCЪPcC,PcPSC-PSPµCЪPіC-C±PSPёPjPё PіCЪPµPіP°CЪP°C,P°PjPё (Pі C,PcPjCr C±PёCГP»C-
C-PSCёPёPjPё CГPµCЪPcC,PcPSC-PSPµCЪPіC-C±PSPёPjPё P°PSC,PёPrPµPіCЪPµCГP°PSC,P°PjPё,
C,CЪPёPіC,P°PSP°PjPё) C,P° C-PSCёPёPjPё PcPіC-PcC—PrPSPёPjPё P·P°CГPcP±P°PjPё.

PёCГPcP±P»PёPіC- P·P°PіPcP±C-P¶PSC- P·P°C...PcPrPё PіCЪPё
P·P°CГC,PcCГCрPіP°PSPSC-

PµCЪPµPіP°CЪP°C,Pё, CІPеC- PіPcPrPcPіP¶CзCЪC,CЪ C-PSC,PµCЪPіP°P» QT

P PёP·PёPе PіPcPrPcPіP¶PµPSPSCІ C-PSC,PµCЪPіP°P»Cr QTc C-/P°P±Pc

C€P»CfPSPSc†PePsPIPëC... P°CḡPëC,PjC-PNë (PSP°PïCḡPëPeP»P°Pr C€P»CfPSPSc†PePsPIPsC—
C,P°C...C-PeP°CḡPrC-C— C,PëPïCf B«PïC-CḡCfPµC,B») PjPsP¶Pµ
PïC-PrPIPëC‰CfPIP°C,PëCfCḡ Cf CḡP°P·C- PsPrPSPSc†P°CfPSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCḡ P· C-PSC€PëPjPë PïCḡPµPïP°CḡP°C,P°PjPë, CḡPeC-
PïPsPrPsPIP¶CfCḡC,Ch C-PSC,PµCḡPIP°P» QTc (PSP°PïCḡPëPeP»P°Pr PrPµCḡPeC-
P°PSC,PëPïCfPëC...PsC,PëC†PSC- P·P°CfPs±Pë PNë P°PSC,PëP±C-PsC,PëPePë) (PrPëPI.
CḡPsP·PrC-P» B«PhCfPs±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

P>C-C,C-PNë

PJ PïP»P°C†PµP±Ps-PePsPSC,CḡPsP»ChPsPIP°PSPsPjCf PrPsCfP»C-PrP¶PµPSPSC- P·
CfC†P°CfC,Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»ChC†C-PI PsPrPSPSc†P°CfPSPëPNë
PïCḡPëPNëPsPj CfPµCḡC,CḡP°P»C-PSCf C,P° P»C-C,C-Cḡ P·PSP°C†CfC‰Ps PSPµ
P·PjC-PSCḡPIP°PI C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCf P»C-C,C-Cḡ, PsPrPSP°Pe
PïCḡPëP·PIPsPrPëPI PrPs PïPsCfPëP»PµPSPSCḡ C,CḡPµPjPsCḡCf PïPsCḡC-PIPsCḡPSPs P·
PïP»P°C†PµP±Ps, C‰Ps CfPIC-PrC†PëC,Ch PïCḡPs PjPsP¶P»PëPICf
C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSCf PIP·P°C”PjPsPrC-Cḡ. PµCḡPë PsPrPSPSc†P°CfPSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC- CfPµCḡC,CḡP°P»C-PSCf C,P° P»C-C,C-Cḡ CfP»C-Pr
P·P°P±PµP·PïPµC†PëC,Pë PSP°P»PµP¶PSPëPNë PePsPSC,CḡPsP»Ch.

PαPµPSC-C,PsC—PS

P PµP·CfP»ChC,P°C,Pë PïP»P°C†PµP±Ps-PePsPSC,CḡPsP»ChPsPIP°PSPsPiPs
PrPsCfP»C-PrP¶PµPSPSCḡ P· CfC†P°CfC,Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»ChC†C-PI
CfPIC-PrC†P°C,Ch PïCḡPs C,Pµ, C‰Ps C,CḡPëPIP°P»PëPNë PïCḡPëPNëPsPj
CfPµCḡC,CḡP°P»C-PSCf Cf PrPsP·C- 200 PjPi/PrPsP±Cf PSPµ PïCḡPëP·PIPsPrPëC,Ch PrPs
PeP»C-PSC-C†PSPs P·PSP°C†CfC‰PsPiPs C-PSPIC-P±CfPIP°PSPSCḡ PjPµC,P°P±PsP»C-P·PjCf
C,,PµPSC-C,PsC—PSCf. PhPrPSP°Pe PrP°PSC- P·PIC-C,C-PI PrPµCḡPePëC... PIPëPïP°PrPeC-PI
CfPIC-PrC†P°C,Ch PïCḡPs PIPëCfPsPeC- PµPeCfPïPsP·PëC†C-C— C,,PµPSC-C,PsC—PSCf Cf
PïP°C†C-C”PSC,C-PI, CḡPeC- P·P°CfC,PsCfPsPICfCḡC,Ch CfPµCḡC,CḡP°P»C-PS;
CḡPµPePsPjPµPSPPrCfC”C,ChCfCḡ PïCḡPsPIPsPrPëC,Pë PjPsPSC-C,PsCḡPëPSPi
PePsPSC†PµPSC,CḡP°C†C-C— C,,PµPSC-C,PsC—PSCf Cf PïP»P°P·PjC- PeCḡPsPIC-
PïCḡPsC,CḡPiPsPj PïPsC†P°C,PePsPIPsPiPs PµC,P°PïCf C,PµCḡP°PïC-C—
CfPµCḡC,CḡP°P»C-PSPsPj C-P· PIC-PrPïPsPIC-PrPSPëPjPë PePsCḡPµPeC†C-CḡPjPë PrPsP·Pë
C,,PµPSC-C,PsC—PSCf. PḡCḡC-Pj C,PsPiPs, PsPrPSPSc†P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSCḡ
PïCḡPµPïP°CḡP°C,Cf P· C,,PµPSC-C,PsC—PSPsPj PjPsP¶Pµ PïCḡPëP·PIPµCfC,Pë PrPs
P·PSPëP¶PµPSPSCḡ PePsPSC†PµPSC,CḡP°C†C-C— CfPµCḡC,CḡP°P»C-PSCf Cf PïP»P°P·PjC-
PeCḡPsPIC-. PkPµ PjPsP¶PSP° PIPëPeP»ChC†PëC,Pë PjPsP¶P»PëPIC-CfC,Ch P·PSPëP¶PµPSPSCḡ
PïP»P°P·PjPsPIPëC... CḡC-PIPsC-PI CfPµCḡC,CḡP°P»C-PSCf PïC-Pr PIPïP»PëPIPsPj C-PSC€PëC...
C-PSPPrCfPeC,PsCḡC-PI C,,PµCḡPjPµPSC,Cf CYP3A4, P·PsPeCḡPµPjP°
C,,PµPSPsP±P°CḡP±C-C,P°P»Cf, PeP°CḡP±P°PjP°P·PµPïC-PSCf, PïCḡPµPïP°CḡP°C,C-PI
P·PIC-CḡPsP±PsCḡ C,P° CḡPëC,,P°PjPïC-C†PëPSCf.

PÿCḡPëPïC,P°PSPë

PµCḡPsC,CḡPiPsPj PïPµCḡC-PsPrCf PïPsCfC,CḡPµC”CfC,CḡP°C†C-PNëPSPsPiPs
PSP°PiP»CḡPrCf PSP°PrC...PsPrPëP»Pë PïPsPsPrPëPSPsPeC- PïPsPIC-PrPsPjP»PµPSPSCḡ PïCḡPs
PIPëPïP°PrPePë CḡPsP·PIPëC,PeCf CfP»P°P±PePsCfC,C-, PiC-PïPµCḡCḡPµC,,P»PµPeCfC-C—,
PïPsCḡCfC€PµPSPSCḡ PePsPsCḡPrPëPSP°C†C-C—, PIC-PrC†CfC,C,Cḡ
P·P±PµPSC,PµP¶PµPSPSCḡ, C,CḡPëPIPsP¶PSPsCfC,C- C,P° P·P±CfPrP¶PµPSPSCḡ PïCḡPë
PsPrPSPSc†P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- CfPµCḡC,CḡP°P»C-PSCf C,P°
CfCfPjP°C,CḡPëPïC,P°PSCf. PÿPëPjPïC,PsPjPë CfPµCḡPsC,PsPSC-PSPµCḡPiC-C†PSPsPiPs

СГРПёPSPPrCḡPsPjCṛ PjPsPḡCṛC,CH C,P°PePsPḡ CḡPsP·PIPёPIP°C,PeCṛCḡ PṛCḡPё
P·P°CṛC,PsCṛCṛPIP°PSPSC- C-PSCёPeC... PṛCḡPḡPṛP°CḡP°C,C-PI CṛCHPsPiPs Pḡ PeP»P°CṛCṛ
(C,CḡPёPṛC,P°PSC-PI). PṛPeC%Ps PsPrPSPsCṛP°CṛPSPḡ P»C-PeCṛPIP°PSPSCḡ
CṛPḡCḡC,CḡP°P»C-PSPsPj C,P° C,CḡPёPṛC,P°PSP°PjPё C" PSPḡPsP±C...C-PrPSPёPj P·
PeP»C-PSC-CṛPSPsC— C,PsCṛPePё P·PsCḡCṛ, CṛP»C-Pr P·P°P±PḡP·PṛPḡCṛPeC,Pё
PIC-PrPṛPsPIC-PrPSPёPḡ PSP°PiP»CḡPṛ P·P° PṛP°CṛC-C"PSC,PsPj (PrPёPI. CḡPsP·PrC-P»
B«PhCṛPsP±P»PёPIPсCṛC,C- P·P°CṛC,PsCṛCṛPIP°PSPSCḡB»).

P'P°CḡC,,P°CḡPёPS

PhPrPSPsCṛP°CṛPSPḡ P·P°CṛC,PsCṛCṛPIP°PSPSCḡ CṛPḡCḡC,CḡP°P»C-PSCṛ Cṛ PrPsP·C-
200 PjPi/PrPsP±Cṛ C,P° PIP°CḡC,,P°CḡPёPSCṛ PṛCḡPёP·PIPsPrPёP»Ps PrPs
PSPḡP·PSP°CṛPSPsPiPs, P°P»Pḡ CṛC,P°C,PeCṛC,PeCṛPSPs P·PSP°CṛCṛC%PsPiPs
P·P±C-P»CHCёPḡPSPSCḡ PṛCḡPsC,CḡPsPjP±C-PSPsPIPsPiPs CṛP°CṛCṛ, C%Ps PjPsPḡPḡ Cṛ
PrPḡCḡPePёC... CḡC-PrPeC-CṛPSPёC... PIPёPṛP°PrPeP°C... PṛCḡPёP·PIPḡCṛC,Pё PrPs
PṛPsCḡCṛCёPḡPSPSCḡ PjC-PḡPSP°CḡPsPrPSPsPiPs PSPсCḡPjP°P»C-P·PsPIP°PSPsPiPs
PIC-PrPSPsCёPḡPSPSCḡ (PḡPḡP'). PṛPsPjCṛ CṛP»C-Pr CḡPḡC,PḡP»CHPSPs
PePsPSC,CḡPsP»CḡPIP°C,Pё PṛPsPeP°P·PSPёPe PṛCḡPsC,CḡPsPjP±C-PSPsPIPsPiPs CṛP°CṛCṛ
PSP° PṛPsCṛP°C,PeCṛ P»C-PeCṛPIP°PSPSCḡ CṛPḡCḡC,CḡP°P»C-PSPsPj C,P° PṛCḡPё PḡPsPiPs
PIC-PrPjC-PSC-.

*P'P·P°C" PjPsPrC-Cḡ P· C-PSCёPёPjPё P»C-PeP°CḡCṛCHPePёPjPё P·P°CṛPsP±P°PjPё, P·
PrPёPiPsPeCṛPёPSPsPj, P°C,PḡPSPsP»PsP»PsPj, CṛPёPjPḡC,PёPrPёPSPsPj*

PhPrPSPsCṛP°CṛPSPḡ P·P°CṛC,PsCṛCṛPIP°PSPSCḡ P· CṛPёPjPḡC,PёPrPёPSPsPj
PṛCḡPёP·PIPsPrPёP»Ps PrPs CṛCṛC,C,C"PIPsPiPs P·PSPёPḡPḡPSPSCḡ PeP»C-CḡPḡPSCṛCṛ
CṛPḡCḡC,CḡP°P»C-PSCṛ. PḡP»C-PSC-CṛPSPḡ P·PSP°CṛPḡPSPSCḡ CṛPёC... P·PjC-PS PSPḡ
P·Bḡ™ CḡCṛPsPIP°PSPḡ. PṛPḡCḡC,CḡP°P»C-PS PSPḡ PIPṛP»PёPIP°C" PSP° P±PḡC,P°-
P°PrCḡPḡPSPsP±P»PsPeCṛCḡCṛC- PIP»P°CṛC,PёPIPсCṛC,C- P°C,PḡPSPsP»PsP»Cṛ. PḡCḡPё
PsPrPSPsCṛP°CṛPSPsPjCṛ P·P°CṛC,PsCṛCṛPIP°PSPSC- CṛPḡCḡC,CḡP°P»C-PSCṛ Cṛ PrPsP·C-
200 PjPi/PrPsP±Cṛ C,P° PrPёPiPsPeCṛPёPSCṛ PSPḡ P±CṛP»Ps PIPёCḡPIP»PḡPSPs
PSC-CḡPePsC— PIP·P°C" PjPsPrC-C—.

*P»C-PeP°CḡCṛCHPeC- P·P°CṛPsP±Pё, C%Ps PIPṛP»PёPIP°CḡC,CH PSP° C,,CṛPSPёCṛC-Cḡ
C,CḡPsPjP±PsCṛPёC,C-PI*

PḡPsPḡPḡ PṛC-PrPIPёC%CṛPIP°C,PeCṛCḡ CḡPёP·PёPe PIPёPSPёPePSPḡPSPSCḡ
PeCḡPsPIPsC,PḡCṛC- PṛCḡPё PsPrPSPsCṛP°CṛPSPsPjCṛ P·P°CṛC,PsCṛCṛPIP°PSPSC-
PṛPṛP—P—Pṛ, PIPeP»CḡCṛP°CḡCṛPё CṛPḡCḡC,CḡP°P»C-PS, P· P»C-PeP°CḡCṛCHPePёPjPё
P·P°CṛPsP±P°PjPё, C%Ps PIPṛP»PёPIP°CḡC,CH PSP° C,CḡPsPjP±PsCṛPёC,P°CḡPSCṛ
C,,CṛPSPeCṛC-Cḡ (PSP°PṛCḡPёPeP»P°Pr PḡPḡP—Pḡ, P°CṛPḡC,PёP»CṛP°P»C-CṛPёP»PsPIPsCḡ
PePёCṛP»PsC,PsCḡ C- C,PёPeP»PsPṛC-PrPёPSPsPj) P°P±Ps C-PSCёPёPjPё
P»C-PeP°CḡCṛCHPePёPjPё P·P°CṛPsP±P°PjPё, C%Ps PjPsPḡCṛC,CH P·P±C-P»CHCёCṛPIP°C,Pё
CḡPёP·PёPe PeCḡPsPIPsC,PḡCṛC- (PrPёPI. CḡPsP·PrC-P» B«PhCṛPsP±P»PёPIPсCṛC,C-
P·P°CṛC,PsCṛCṛPIP°PSPSCḡB»).

P'P»PsPeP°C,PsCḡPё PSPḡCḡPIPсPIPs-PjBḡ™ CḡP·PsPIPsC— PṛPḡCḡPḡPrP°CṛC-

PṛPṛP—P—Pṛ PjPsPḡCṛC,CH P·PjPḡPSCёCṛPIP°C,Pё P°PeC,PёPIPSC-CṛC,CH
C...PsP»C-PSPḡCṛC,PḡCḡP°P·Pё PI PṛP»P°P·PjC- PeCḡPsPIC-, C%Ps PṛCḡPёP·PIPsPrPёC,CH PrPs
PṛPsPrPsPIPḡPḡPSPSCḡ P±P»PsPeCṛPIP°PSPSCḡ PSPḡCḡPIPсPIPs-PjBḡ™ CḡP·PsPIPsC—
PṛPḡCḡPḡPrP°CṛC- PjC-PIP°PeCṛCḡC-C" Pj P°P±Ps C-PSCёPёPjPё P±P»PsPeP°C,PsCḡP°PjPё

PSPμCḡPIPsPIPs-PjBḡ™ CḡP·PsPIPsC— PīPμCḡPμPrP°C±C-.

P—P°CḡPsP±Pē, C%Ps PjPμC,P°P±PsP»C-P·C±CḡC,CḡCḡCḡ P· C±C±P°CḡC,Cḡ
C†PēC,PsC...CḡPsPjC± P 450

PŸPμCḡC,CḡP°P»C-PS PjPsPḡPμ PrC-CḡC,Pē CḡPe CḡP»P°P±PePēPNē P°P±Ps
PīPsPjC-CḡPSPēPNē C-PSPiC-P±C-C,PsCḡ C-P·PsC,,PμCḡPjPμPSC,Cḡ PŸYP 2D6.
PŸCḡPēPIP°P»PēPNē PīCḡPēPNēPsPj CḡPμCḡC,CḡP°P»C-PSCḡ Cḡ PrPsP·C- 50 PjPi/PrPsP±Cḡ
PīCḡPēP·PIPsPrPēPI PrPs PīPsPjC-CḡPSPsPiPs PīC-PrPIPēC%PμPSPSCḡ (Cḡ
CḡPμCḡPμPrPSCḡPsPjCḡ PSP° 23-37 %) CḡC-PIPsPIPsP°PḡPSPēC...
PePsPSC†PμPSC,CḡP°C†C-PNē PrPμP·PēPīCḡP°PjC-PSCḡ (PīPsPeP°P·PSPēPeCḡ
P°PeC,PēPIPsPSCḡC,C- C-P·PsC,,PμCḡPjPμPSC,Cḡ PŸYP 2D6) Cḡ PīP»P°P·PjC- PeCḡPsPIC-.
PḡP»C-PSC-C±PSPs P·PSP°C±CḡC%C- PIP·P°C”PjPsPrC-C— PjPsPḡCḡC,Cḡ
PIC-PrP±CḡPIP°C,PēCḡCḡ P· C-PSCēPēPjPē CḡCḡP±CḡC,CḡP°C,P°PjPē PŸYP 2D6 P·
PICḡP·CḡPePēPjPē C,PμCḡP°PīPμPIC,PēC±PSPēPjPē PrC-P°PīP°P·PsPSP°PjPē, C,P°PePēPjPē CḡPe
PīCḡPsC,PēP°CḡPēC,PjC-C±PSC- P·P°CḡPsP±Pē PeP»P°CḡCḡ 1PŸ, P·PsPeCḡPμPjP°
PīCḡPsPīP°C,,PμPSPsPS C- C,,P»PμPeP°C—PSC-Pr, C,CḡPēC†PēPeP»C-C±PSC-
P°PSC,PēPrPμPīCḡPμCḡP°PSC,Pē C- C,PēPīPsPIC- P°PSC,PēPīCḡPēC...PsC,PēC±PSC-
P·P°CḡPsP±Pē, PsCḡPsP±P»PēPIPs PSP° C,P»C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
CḡPμCḡC,CḡP°P»C-PSCḡ Cḡ PIPēC%PēC... PrPsP·P°C....

PŸPμCḡC,CḡP°P»C-PS PSPμ PIPēCḡC,CḡPīP°C” PeP»C-PSC-C±PSPs P·PSP°C±CḡC%PēPj
C-PSPiC-P±C-C,PsCḡPsPj C-P·PsC,,PμCḡPjPμPSC,C-PI CYP 3A4, CYP 2C9, CYP 2C19 C,P° CYP
1A2. PīPμ PīC-PrC,PIPμCḡPrPḡCḡC,CḡCḡCḡ CḡPμP·CḡP»CḡC,P°C,P°PjPē
PrPsCḡP»C-PrPḡPμPSCḡ PIP·P°C”PjPsPrC-C— PīCḡPμPīP°CḡP°C,C-PI *in vivo* C-P·
P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj CḡCḡP±CḡC,CḡP°C,C-PI CYP 3A4 (PμPSPPrPsPiPμPSPSPsPiPs
PePsCḡC,PēP·PsP»Cḡ, PeP°CḡP±P°PjP°P·PμPīC-PSCḡ, C,PμCḡC,,PμPSP°PrPēPSCḡ,
P°P»PīCḡP°P·PsP»P°PjCḡ, CḡCḡP±CḡC,CḡP°C,Cḡ CYP2C19 (PrC-P°P·PμPīP°PjCḡ) C-
CḡCḡP±CḡC,CḡP°C,C-PI CYP 2C9 (C,PsP»P±CḡC,P°PjC-PrCḡ, PīP»C-P±PμPSPeP»P°PjC-PrCḡ C-
C,,PμPSC-C,PsC—PSCḡ). P PμP·CḡP»CḡC,P°C,Pē PrPsCḡP»C-PrPḡPμPSCḡ *in vitro*
CḡPIC-PrC±P°C,Cḡ PīCḡPs C,Pμ, C%Ps CḡPμCḡC,CḡP°P»C-PS PjP°C” PrCḡPḡPμ PjP°P»PēPNē
PīPsC,PμPSC†C-P°P» C-PSPiC-P±CḡPIP°PSPSCḡ PŸYP 1Pḡ 2 P°P±Ps PSPμ PjP°C” PNēPsPiPs
PIP·P°PīP°P»C-.

P©PsPrPμPSPSPēPNē PīCḡPēPNēPsPj C,CḡCḡPsC... CḡPeP»CḡPSPsPe
PīCḡPμPNēPīC,,CḡCḡC,PsPIPsPiPs CḡPsPeCḡ PīCḡPēP·PIPsPrPēPI PrPs PīC-PrPIPēC%PμPSPSCḡ
PīP»P°P·PjPsPIPēC... CḡC-PIPsC-PI CḡPμCḡC,CḡP°P»C-PSCḡ PjP°PNēPḡPμ PSP° 100 % PI
PīPμCḡPμC...CḡPμCḡPSPsPjCḡ PrPsCḡP»C-PrPḡPμPSPSC- Cḡ 8 P·PrPsCḡPsPIPēC... PsCḡC-P±
CḡPīPsPSCḡCḡPePsC— PSP°C†C-PsPSP°P»CḡPSPsCḡC,C-. P·P·P°C”PjPsPrC-Cḡ P·
C-PSCēPēPjPē C-PSPiC-P±C-C,PsCḡP°PjPē CYP3A4 PSPμ P±CḡP»P° PIPēPIC†PμPSP°. PŸPsPjCḡ
CḡP»C-Pr CḡPSPēPeP°C,Pē PīCḡPēPNēPsPjCḡ PīCḡPμPNēPīC,,CḡCḡC,PsPIPsPiPs CḡPsPeCḡ PīC-Pr
C±P°Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPμCḡC,CḡP°P»C-PSCḡ (PrPēPI. CḡPsP·PrC-P»
B«PḡCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P·PēC...PsPrCḡC±Pē P· CḡPμP·CḡP»CḡC,P°C,C-PI PrPsCḡP»C-PrPḡPμPSPSCḡ
PIP·P°C”PjPsPrC-C— P· PīCḡPμPNēPīC,,CḡCḡC,PsPIPēPj CḡPsPePsPj, PSPμ PjPsPḡPSP°
PIPēPeP»CḡC±PēC,Pē PjPsPḡP»PēPIC-CḡC,Cḡ P·PSP°C±PSPs P±C-P»CḡCēPsPiPs
PīC-PrPIPēC%PμPSPSCḡ PμPeCḡPīPsP·PēC†C-C— CḡPμCḡC,CḡP°P»C-PSCḡ PīCḡPē
PsPrPSPsC±P°CḡPSPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- P· PīPsC,CḡPḡPSPēPjPē
C-PSPiC-P±C-C,PsCḡP°PjPē C,,PμCḡPjPμPSC,Cḡ CYP3A4, P·PsPeCḡPμPjP°
C-PSPiC-P±C-C,PsCḡP°PjPē PīCḡPsC,PμP°P·, PePμC,PsPePsPSP°P·PsP»PsPj,
C-C,CḡP°PePsPSP°P·PsP»PsPj, PīPsP·P°PePsPSP°P·PsP»PsPj, PIPsCḡPēPePsPSP°P·PsP»PsPj,

PeP»P°CTHPeC,CTHPsPjC-C†PēPSPsPj, C,PμP»C-C,CTHPsPjC-C†PēPSPsPj C,P°
PSPμC,,P°P·PsPrPsPSPsPj. P|Pμ C,P°PePsP¶ C†C,PsC†C†C”C,CHC†C†C PīPsPjC-CTHPSPeC...
C-PSPiC-P±C-C,PsCTHC-PI CYP3A4 Bḡ” P°PiCTHPμPiC-C,P°PSC,C†, PμCTHPeC,CTHPsPjC-C†PēPSC†,
C,,P»C†PePsPSP°P·PsP»C†, PIPμCTHP°PiP°PjC-P»C† C,P° PrPēP»C,C-P°P·PμPjC†. PŸP»C-Pr
C†PSPēPeP°C,Pē PiCTHPēPNēPsPjC† PiPsC,C†P¶PSPeC... C-PSPiC-P±C-C,PsCTHC-PI CYP3A4 PiC-Pr
C†P°C† C,PμCTHP°PiC-C— C†PμCTHC,CTHP°P»C-PSPsPj.

P’ PsC†C-P± P· PiPsPIC-P»CHPSPēPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19 PiP»P°P·PjPsPIC-
CTHC-PIPSC- C†PμCTHC,CTHP°P»C-PSC† PiC-PrPIPēC%oC†CTHC,CHC†C†C PSP° 50 %
PiPsCTHC-PIPSC¶PSPs P· PsC†PsP±P°PjPē P· CēPIPēPrPePēPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19
(PrPēPI. CTHPsP·PrC-P»B B«PαP°CTHPjP°PePsPeC-PSPμC,PēPeP°B»). PkPμ PjPsP¶PSP°
PIPēPeP»CHC†PēC,Pē PjPsP¶P»PēPIC-C†C,CH P»C-PeP°CTHC†CHPePsC— PIP·P°C”PjPsPrC-C— P·
C,P°PePēPjPē PiPsC,C†P¶PSPēPjPē C-PSPiC-P±C-C,PsCTHP°PjPē CYP2C19 C¶Pe
PsPjPμPiCTHP°P·PsP», P»P°PSP·PsPiCTHP°P·PsP», PiP°PSC,PsPiCTHP°P·PsP»,
CTHP°P±PμPiCTHP°P·PsP», C,,P»C†PsPeC†PμC,PēPS, C,,P»C†PIPsPeC†P°PjC-PS.

PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†C¿PIP°PSPSC¶.

PŸP°PeC- C†PēPjPiC,PsPjPē C¶Pe PSPμC†PiPsPeC-PNē, P·P±C†PrP¶PμPSPSC¶, PiP°PSC-C†PSC-
P°C,P°PePē, P±PμP·C†PsPSPSC¶, PrCTHP°C,C-PIP»PēPIC-C†C,CH, PIPsCTHPsP¶C-C†C,CH,
P°PiCTHPμC†PēPIPSC-C†C,CH, C-PjPiC†P»CHC†PēPIPSC-C†C,CH,
PiC†PēC...PsPjPsC,PsCTHPSPēPNē PSPμC†PiPsPeC-PNē, PiC-PiPsPjP°PSC-C¶ C,P° PjP°PSC-C¶
C†PiPsC†C,PμCTHC-PiP°P»PēC†C† C† PrPsCTHPsC†P»PēC... C,P° PrC-C,PμPNē, C¶PeC-
P»C-PeC†PIP°P»PēC†C† P°PSC,PēPrPμPiCTHPμC†P°PSC,P°PjPē. P|C- C†PēPjPiC,PsPjPē
PjPsP¶C†C,CH PiPμCTHPμPrC†PIP°C,Pē PiPsC¶PIC- C†C†C—C†PēPrP°P»CHPSPsC†C,C-.
PŸP»C-Pr CTHPsP·PiP»C¶PSC†C,Pē PjPsP¶P»PēPIC-C†C,CH P·PjC-PSPē
C,PμCTHP°PiPμPIC,PēC†PSPsPiPs CTHPμP¶PēPjC† P°P±Ps PIC-PrPjC-PSPē
P»C-PeP°CTHC†CHPePsPiPs P·P°C†PsP±C† C† PIPēPiP°PrPeC†, C¶PeC%oPs PiCTHPsC¶PIPē
PrPμPiCTHPμC†C-C— PSPμC†C...PēP»CHPSPs PiPsPiC-CTHC†C†C,CHC†C†C,
P·Bḡ™ C¶PIP»C¶C”C,CHC†C†C C†C†C—C†PēPrP°P»CHPSC-C†C,CH P°P±Ps C†PēPjPiC,PsPjPē
PiPsPiC-CTHC†PμPSPSC¶ C†C†C—C†PēPrP°P»CHPSPsC†C,C-. PiPeC%oPs P±C†PrPμ
PiCTHPēPNēPSC¶C,Pμ CTHC-CēPμPSPSC¶ PiCTHPs PiCTHPēPiPēPSPμPSPSC¶ P»C-PeC†PIP°PSPSC¶,
PiCTHPμPiP°CTHP°C, C†P»C-Pr PIC-PrPjC-PSC¶C,Pē PiPsC†C,C†PiPsPIPs C,P°Pe CēPIPēPrPePs,
C¶Pe C,C-P»CHPePē PjPsP¶PSP°, P°P»Pμ C†P»C-Pr PiP°PjBḡ™ C¶C,P°C,Pē PiCTHPs C,Pμ, C%oPs
CTHC-P·PePμ PiCTHPēPiPēPSPμPSPSC¶ P»C-PeC†PIP°PSPSC¶ PjPsP¶Pμ
C†C†PiCTHPsPIPsPrP¶C†PIP°C,PēC†C† C†PēPSPrCTHPsPjPsPj PIC-PrPjC-PSPē. PμPμCTHPμPr
PiPsC†P°C,PePsPj P»C-PeC†PIP°PSPSC¶ PSPμPsP±C...C-PrPSPs PiCTHPsPIPμC†C,Pē
PsP±C†C,PμP¶PμPSPSC¶ PiP°C†C-C”PSC,P° P· PjPμC,PsCT PIPēP·PSP°C†PμPSPSC¶
CTHPēP·PēPeC† CTHPsP·PIPēC,PeC† P±C-PiPsP»C¶CTHPSPsPiPs CTHPsP·P»P°PrC†. P”P»C¶
C†CHPsPiPs CTHPμC,PμP»CHPSPs P·P±PēCTHP°C”C,CHC†C†C PiC†PēC...C-P°C,CTHPēC†PSPēPNē
P°PSP°PjPSPμP·, C¶PePēPNē PIPeP»CHC†P°C” C†C-PjPμPNēPSPēPNē P°PSP°PjPSPμP·
C†C†C—C†PēPrC-PI, P±C-PiPsP»C¶CTHPSPeC... CTHPsP·P»P°PrC-PI C,P° PrPμPiCTHPμC†C-C—.
PŸPμCTHP»C-C,,C, PSPμ PiCTHPēP·PSP°C†PμPSPēPNē PrP»C¶ P»C-PeC†PIP°PSPSC¶
P±C-PiPsP»C¶CTHPSPsC— PrPμPiCTHPμC†C-C—.

*PŸPμCTHPsC,PsPSC-PSPsPIPēPNē C†PēPSPrCTHPsPj (PŸPŸ) C†Pē P·P»PsC¶PeC-C†PSPēPNē
PSPμPNēCTHPsP»PμPiC,PēC†PSPēPNē C†PēPSPrCTHPsPj (P—PkPŸ)*

PμCTHPē P·P°C†C,PsC†C†PIP°PSPSC- PŸP†P—P—PŸ, PIPeP»CHC†P°CHC†Pē C,PμCTHP°PiC-CH
C†PμCTHC,CTHP°P»C-PSPsPj, PiPsPIC-PrPsPjP»C¶P»PsC†C† PiCTHPs CTHPsP·PIPēC,PsPe

CÍPëPSPPrCĤPsPjC-PI, C%Ps PjPsP¶CÍC,CH P±CÍC,Pë PSPµP±PµP·PīPµC±PSPëPjPë PrP»CÍ
 P¶PëC,C,CÍ, C,P°PePëC... CÍPe PŸPŸ C±Pë P—PǵPŸ. P PëP·PëPe CĤPsP·PIPëC,PeCÍ PŸPŸ C±Pë
 P—PǵPŸ PīCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PŸP†P—P—PŸ P·CĤPsCÍC,P°C” PīCĤPë
 PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSCëPëC...
 CÍPµCĤPsC,PsPSC-PSPµCĤPiC-C±PSPëC... P·P°CÍPsP±C-PI (PIPëP»CĤC±P°CĤC±Pë C-PSCëC-
 CÍPµCĤPsC,PsPSC-PSPµCĤPiC-C±PSC- P°PSC,PëPrPµPīCĤPµCÍP°PSC,Pë, C,CĤPëPīC,P°PSPë
 C,P° C,,PµPSC,P°PSC-P») P· P·P°CÍPsP±P°PjPë, C%Ps PīPsCĤCÍCëCÍCĤC,CH
 PjPµC,P°P±PsP»C-P·Pj CÍPµCĤPsC,PsPSC-PSCÍ (PIPëP»CĤC±P°CĤC±Pë PĥPĥPĥP†,
 PSP°PīCĤPëPeP»P°Pr, PjPµC,PëP»PµPSPsPIPëPµ CÍPëPSC-Pµ),
 P°PSC,PëPīCÍPëC...PsC,PëC±PSPëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëPëPjPë
 P°PSC,P°PiPsPSC-CÍC,P°PjPë PrPsC,,P°PjC-PSCÍ C,P° PsPīC-P°C,P°PjPë.
 PŸPµCĤPsC,PsPSC-PSPsPIPëPµ CÍPëPSPPrCĤPsPj PjPsP¶Pµ PIPëP»CĤC±P°C,Pë P·PjC-PSPë
 PīCÍPëC...C-C±PSPsPiPs CÍC,P°PSCÍ (PSP°PīCĤPëPeP»P°Pr, P·P±CÍPrP¶PµPSPSCÍ,
 PiP°P»CĤC†PëPSP°C†C-C—, PePsPjP°), PiPsCĤCÍCëPµPSPSCÍ P· P±PsPeCÍ
 PIPµPiPµC,P°C,PëPIPSPsC— PSPµCĤPIPSPsC— CÍPëCÍC,PµPjPë (C,P°C...C-PeP°CĤPrC-CÍ,
 P·PjC-PSPë P°CĤC,PµCĤC-P°P»CHPSPsPiPs C,PëCÍPeCÍ, PiC-PiPµCĤC,PµCĤPjC-CÍ),
 PSPµCĤPIPSPsPj`CÍP·PsPIC- PīPsCĤCÍCëPµPSPSCÍ (PiC-PiPµCĤCĤPµC,,P»PµPeCÍC-CÍ,
 PīPsCĤCÍCëPµPSPSCÍ PePsPsCĤPrPëPSP°C†C-C—) C,P°/P°P±Ps PīPsCĤCÍCëPµPSPSCÍ P·
 P±PsPeCÍ PsCĤPiP°PSC-PI C,CĤP°PIP»PµPSPSCÍ (PSCÍPrPsC,P°, P±P»CĤPIP°PSPSCÍ,
 PrC-P°CĤPµCÍ). P”PµCÍPeC- PīCĤPsCÍPIPë CÍPµCĤPsC,PsPSC-PSPsPiPs
 CÍPëPSPPrCĤPsPjCÍ, PIPëP»CĤC±P°CĤC±Pë PiC-PiPµCĤC,PµCĤPjC-CĤ, CĤPëPiC-PrPSC-CÍC,CH
 Pj`CÍP·C-PI, P·PjC-PSPë P· P±PsPeCÍ PIPµPiPµC,P°C,PëPIPSPsC— PSPµCĤPIPSPsC—
 CÍPëCÍC,PµPjPë C,P° P·PjC-PSPë PīCÍPëC...C-C±PSPsPiPs CÍC,P°PSCÍ PiPsPrC-P±PSC- PrPs
 PīCĤPsCÍPIC-PI P·P»PsCÍPeC-CÍPSPsPiPs PSPµPµCĤPsP»PµPiC,PëC±PSPsPiPs
 CÍPëPSPPrCĤPsPjCÍ. Pj PiP°C†C-C”PSC,C-PI CÍP»C-Pr PīCĤPsPiPsPrPëC,Pë
 PjPsPSC-C,PsCĤPëPSPi PSP° PSP°CÍPIPSC-CÍC,CH PsP·PSP°Pe C,P° CÍPëPjPiC,PsPjC-PI PŸPŸ
 C±Pë P—PǵPŸ (PrPëPI. CĤPsP·PrC-P» B«PµCĤPsC,PëPīPsPeP°P·P°PSPSCÍB»).

*PµPµCĤPµC...C-Pr C-P· PŸP†P—P—PŸ, P°PSC,PëPrPµPīCĤPµCÍP°PSC,C-PI P°P±Ps
 P°PSC,PëPsP±CÍPµCÍPëPIPSPëC... PīCĤPµPiP°CĤP°C,C-PI*

P†CÍPSCÍCĤC,CH PsP±PjPµP¶PµPSC- PrP°PSC- PePsPSC,CĤPsP»CHPsPIP°PSPëC...
 PrPsCÍP»C-PrP¶PµPSCĤ P· PIPëPIC±PµPSPSCÍ PsPīC,PëPjP°P»CHPSPsPiPs C±P°CÍCÍ
 PīPµCĤPµPeP»CĤC±PµPSPSCÍ P· PŸP†P—P—PŸ, P°PSC,PëPrPµPīCĤPµCÍP°PSC,C-PI P°P±Ps
 P°PSC,PëPsP±CÍPµCÍPëPIPSPëC... PīCĤPµPiP°CĤP°C,C-PI PSP° CÍPµCĤC,CĤP°P»C-PS.
 PŸP»C-Pr PīCĤPsPiPsPrPëC,Pë PSP°P»PµP¶PSPëPµ PjPµPrPëC±PSPëPµ PSP°PiP»CÍPr PīCĤPë
 C,P°PePëC... P·PjC-PSP°C... P»C-PeCÍPIP°PSPSCÍ, PsCÍPsP±P»PëPiPs PīCĤPë
 PīPµCĤPµC...PsPrC- PSP° CÍPµCĤC,CĤP°P»C-PS P· C,P°PePëC... PīCĤPµPiP°CĤP°C,C-PI
 C,CĤPëPiP°P»PsC— PrC-C— CÍPe C,,P»CÍPsPeCÍPµC,PëPS.

*P†PSCëC- CÍPµCĤPsC,PsPSC-PSPµCĤPiC-C±PSC- P·P°CÍPsP±Pë, PSP°PīCĤPëPeP»P°Pr
 C,CĤPëPiC,PsC,,P°PS, C,,PµPSC,,P»CĤCĤP°PjC-PS C,P° 5-PǵPŸ-P°PiPsPSC-CÍC,Pë*

PĥPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ CÍPµCĤC,CĤP°P»C-PSCÍ C,P° C-PSCëPëC...
 P·P°CÍPsP±C-PI, C%Ps PīPsCÍPëP»CĤCĤC,CH CÍPµCĤPsC,PsPSC-PSPµCĤPiC-C±PSCÍ
 PSPµPµCĤPsC,CĤP°PSCÍPjC-CÍC-CĤ, P·PsPeCĤPµPjP° C,CĤPëPiC,PsC,,P°PSCÍ,
 C,,PµPSC,,P»CÍCĤP°PjC-PSCÍ, C,,PµPSC,P°PSC-P»CÍ, 5-PǵPŸ-P°PiPsPSC-CÍC,C-PI P°P±Ps
 CĤPsCÍP»PëPSPSPëC... PīCĤPµPiP°CĤP°C,C-PI, CÍPeC- PjC-CÍC,CÍC,CH P·PIC-CĤPsP±C-Pµ
 (*Hypericum perforatum*), CÍP»C-Pr PīCĤPsPiPsPrPëC,Pë P· PsP±PµCĤPµP¶PSC-CÍC,CĤ, C-
 C,P°PePsC— PePsPjP±C-PSPsPIP°PSPsC— C,PµCĤP°PiC-C— CÍP»C-Pr (CÍ CĤP°P·C-
 PjPsP¶P»PëPiPsCÍC,C-) CÍPSPëPeP°C,Pë (C±PµCĤPµP· PjPsP¶P»PëPICÍ
 C,,P°CĤPjP°PePsPrPëPSP°PjC-C±PSCÍ PIP·P°C”PjPsPrC-CĤ).

*PμPsPrPsPIP¶PμPSPSC¶ C-PSC,PμC¶PIP°P»C¿ QTc/C€P»C¿PSPsC‡PePsPIP°
C,P°C...C-PeP°C¶PrC-C¶ C,PëPíC¿ B«PíC-C¶C¿PμC,B»*

*PμC-Pr C‡P°C¶ PíPμC¶C-PsPrC¶ PíPsC¶C,C¶PμC"¶C,C¶P°C‡C-PN¿PSPsPiPs
P·P°C¶C,Psc¶C¶PIP°PSPSC¶ C¶PμC¶C,C¶P°P»C-PSC¶ PíPsPIC-PrPsPjP»C¶P»PsC¶C¶ PíC¶Ps
PIPëPíP°PrPePë PíPsPrPsPIP¶PμPSPSC¶ C-PSC,PμC¶PIP°P»C¶ QTc C- C€P»C¶PSPsC‡PePsPIP°C—
C,P°C...C-PeP°C¶PrC-C— C,PëPíC¶ B«PíC-C¶C¶PμC,B». P·C-P»CHC€C-C¶C,CH
PIPëPíP°PrPeC-PI C¶PíPsC¶C,PμC¶C-PiP°P»P°C¶C¶ PI PíP°C‡C-C"°PSC,C-PI P· C-PSC€PëPjPë
C,,P°PeC,Psc¶P°PjPë C¶PëP·PëPeC¶ PíPsPrPsPIP¶PμPSPSC¶ C-PSC,PμC¶PIP°P»C¶
QTc/C€P»C¶PSPsC‡PePsPIP°C— C,P°C...C-PeP°C¶PrC-C— C,PëPíC¶ B«PíC-C¶C¶PμC,B». PýPsPjC¶
C¶P»C-Pr P· PsP±PμC¶PμP¶PSC-C¶C,CH P·P°C¶C,Psc¶PsPIC¶PIP°C,Pë C¶PμC¶C,C¶P°P»C-PS
PíP°C‡C-C"°PSC,P°Pj C-P· C,,P°PeC,Psc¶P°PjPë C¶PëP·PëPeC¶ PíPsPrPsPIP¶PμPSPSC¶
C-PSC,PμC¶PIP°P»C¶ QTc.*

PμPsC¶PëP»PμPSPSC¶ PíC-PíPsPjP°PSC-C— P°P±Ps PjP°PSC-C—

*PμPsPIC-PrPsPjP»C¶P»PsC¶C¶ PíC¶Ps PIPëPSPëPePSPμPSPSC¶ C¶PëPjPíC,PsPjC-PI
PjP°PSC-C—/PíC-PíPsPjP°PSC-C— C¶ PSPμPIPμP»PëPePsPiPs PIC-PrC¶PsC,PeP°
PíP°C‡C-C"°PSC,C-PI, C¶PeC- PsC,C¶PëPjC¶PIP°P»Pë P·P°C¶PμC"¶C,C¶PsPIP°PSC-
P°PSC,PëPrPμPíC¶PμC¶P°PSC,Pë C,P° P°PSC,PëPsP±C¶PμC¶PëPIPSC- PíC¶PμPíP°C¶P°C,Pë,
PIPeP»CHC‡P°CHC‡Pë C¶PμC¶C,C¶P°P»C-PS. PýPsPjC¶ C¶P»C-Pr P·
PsP±PμC¶PμP¶PSC-C¶C,CH P·P°C¶C,Psc¶PsPIC¶PIP°C,Pë C¶PμC¶C,C¶P°P»C-PS
PíP°C‡C-C"°PSC,P°Pj P· PjP°PSC-C"°CH/PíC-PíPsPjP°PSC-C"°CH PI P°PSP°PjPSPμP·C-.
P¿PμPsP±C...C-PrPSPëPN¿ C¶PμC,PμP»CHPSPëPN¿ PSP°PiP»C¶P¶ P»C-PeP°C¶C¶. PμC¶Pë
PIPëC¶PIP»PμPSPSC- PsP·PSP°Pe PjP°PSC-P°PeP°P»CHPSPsC— C,,P°P·Pë
P·P°C¶C,Psc¶C¶PIP°PSPSC¶ C¶PμC¶C,C¶P°P»C-PSC¶ C¶P»C-Pr PíC¶PëPíPëPSPëC,Pë.*

PëPëP·PsC,,C¶PμPSC-C¶

*P¿P° C,P»C- PíC¶PëPN¿PsPjC¶ PíC¶PμPíP°C¶P°C,C¶ C¶ PíP°C‡C-C"°PSC,C-PI C-P·
C€PëP·PsC,,C¶PμPSC-C"°CH PjPsP¶C¶C,CH PíPsC¶PëP»CHPIP°C,PëC¶C¶ PíC¶PëC...PsC,PëC‡PSC-
C¶PëPjPíC,PsPjPë.*

PŸC¿PrPsPjPë

*PμC¶Pë C,PμC¶P°PíC-C— C¶PμC¶C,C¶P°P»C-PSPsPj PjPsP¶C¶C,CH PIPëPSPëPeP°C,Pë
C¶C¶PrPsPjPë: C¶PμC¶C,C¶P°P»C-PS PSPμ C¶P»C-Pr PíC¶PëP·PSP°C‡P°C,Pë C...PIPsC¶PëPj
C-P· PSPμC¶C,P°P±C-P»CHPSPsCH PμPíC-P»PμPíC¶C-C"°CH; C¶ C...PIPsC¶PëC... C-P·
PePsPSC,C¶PsP»CHPsPIP°PSPsCH PμPíC-P»PμPíC¶C-C"°CH P·P°C¶C,Psc¶C¶PIP°PSPSC¶
C¶PμC¶C,C¶P°P»C-PSC¶ PíPsC,C¶PμP±C¶C"° C¶PμC,PμP»CHPSPsPiPs PSP°PiP»C¶P¶C¶.
PμP°C‡C-C"°PSC,P°Pj, C¶ C¶PePëC... PIPëPSPëPeP°CHC,CH C¶C¶PrPsPjPë, PíC¶PμPíP°C¶P°C,
PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Pë.*

*PŸC¿C—C‡PëPrPë/C¶C¿C—C‡PëPrP°P»CHPSC- PrC¿PjPePë/C¶C¿C—C‡PëPrP°P»CHPSC-
C¶PíC¶PsP±Pë P°P±Ps PeP»C-PSC-C‡PSC- PsP·PSP°PePë PíPsPíC-C¶C€PμPSPSC¶*

*P¶PIP°C¶C- P· PrPμPíC¶PμC¶C-C"°CH PjP°CHC,CH PíC-PrPIPëC‰PμPSC¶
C¶C...PëP»CHPSC-C¶C,CH PrPs PIPëPSPëPePSPμPSPSC¶ C¶C¶C—C‡PëPrP°P»CHPSPëC...
PrC¶PjPsPe, P·P°PIPrP°PIP°PSPSC¶ C¶PsP±C- C¶C€PePsPrP¶PμPSC¶ C,P° C¶PíC¶PsP±
C¶C¶C—C‡PëPrC¶ (C¶C¶C—C‡PëPrP°P»CHPSPëC... PrC-PN¿ C,P° PíC¶PsC¶PIC-PI). PíPμPN¿
C¶PëP·PëPe C-C¶PSC¶C"° P±PμP·PíPsC¶PμC¶PμPrPSC¶Ps PrPs C‡P°C¶C¶
PrPsC¶C¶PiPSPμPSPSC¶ P·PSP°C‡PSPsC— C¶PμPjC-C¶C-C—. PhC¶PeC-P»CHPePë*

PIPsPeC₇P°C%P°PSPSC₁ C₁C,P°PSC₁ C...PIPsC₇PëC... PjPsP₁P₁ PIC-PrP±C₁PIP°C,PëC₁C₁
PiC₇PsC,C₁PiPsPj PiP₁CH₇CëPëC... PeC-P»CH₇PePsC... C,PëP₁PSC-PI P°P±Ps P±C-P»CH₇CëPsPiPs
PiP₁CH₇C-PsPrC₁ C,P₁CH₇P°PiC-C—, PiP°C₁C-C"PS₁C,P°Pj C₁P»C-Pr PiP₁CH₇P₁P±C₁PIP°C,Pë
PiC-Pr C₇P₁C,P₁P»CH₇PSPëPj PSP°PiP»C₁PrPsPj PrPs PSP°C₁C,P°PSPSC₁ C₁CH₇PsPiPs
PIPsPeC₇P°C%P°PSPSC₁. P'P·P°PiP°P»PsPj PeP»C-PSC-C₁PSPëP₁ PrPsC₁PIC-Pr
C₁PIC-PrC₁PëC,CH₇ PiC₇Ps C,P₁, C%Ps PSP° C₇P°PSPSC-C... P₁C,P°PiP°C... PsPrC₁P₁P°PSPSC₁
C₇PëP·PëPe C₁C₁C—C₁PëPrC₁ PjPsP₁P₁ P·P±C-P»CH₇CëC₁PIP°C,PëC₁C₁.

P₁PSCëC- PiC₁PëC...C-C₁PSC- C₇PsP·P»P°PrPë, PrP»C₁ P»C-PeC₁PIP°PSPSC₁ C₁PePëC...
PiC₇PëP·PSP°C₁P°CH₇C,CH₇ C₁P₁CH₇C,C₇P°P»C-PS, C,P°PePsP₁ PjPsP₁C₁C,CH₇ P±C₁C,Pë
PIPsPiB₇TM C₁P·P°PSC- P· PiC-PrPIPëC%P₁PSPëPj C₇PëP·PëPePsPj C₇PsP·PIPëC,PeC₁
C₁C₁C—C₁PëPrP°P»CH₇PSPëC... PrC-PN₇ C,P° PiC₇PsC₁PIC-PI. P₁CH₇C-Pj C,PsPiPs, C₁C-
P·P°C...PIPsC₇CH₇PIP°PSPSC₁ PjPsP₁C₁C,CH₇ P±C₁C,Pë C₁C₁PiC₁C,PSC-PjPë P· PIP₁P»PëPePëPj
PrP₁PiC₇P₁C₁PëPIPSPëPj C₇PsP·P»P°PrPsPj. P₇P°PePëPj C₁PëPSPsPj, P°PSP°P»PsPiC-C₁PSC-
P·P°C₁C,P₁CH₇P₁P₁PSC- P·P°C...PsPrPë, C%Ps C₁C,PsC₁C₁CH₇C,CH₇C₁C₁ P»C-PeC₁PIP°PSPSC₁
C...PIPsC₇PëC... P· PIP₁P»PëPePëPj PrP₁PiC₇P₁C₁PëPIPSPëPj C₇PsP·P»P°PrPsPj,
PSP₁PsP±C...C-PrPSC- C- PiC₇Pë P»C-PeC₁PIP°PSPSC- PiP°C₁C-C"PS₁C,PI P· C-PSCëPëPjPë
PiC₁PëC...C-C₁PSPëPjPë C₇PsP·P»P°PrP°PjPë.

P'C-PrPsPjPs, C%Ps PrP»C₁ PiP°C₁C-C"PS₁C,PI C-P· C₁C₁C—C₁PëPrP°P»CH₇PSPëPjPë
PrC-C₁PjPë C,P° PiC₇PsC₁PIP°PjPë PI P°PSP°PjPSP₁P·C- P°P±Ps PiP°C₁C-C"PS₁C,PI, C₁
C₁PePëC... C%P₁ PrPs PiPsC₁P°C,PeC₁ C,P₁CH₇P°PiC-C— P·PSP°C₁PSPsC₇ PjC-C₇PsC₇
PIPëC₁PIP»C₁C"CH₇C₁C₁C₁C—C₁PëPrP°P»CH₇PSP₁ PjPëC₁P»P₁PSPSC₁, C-C₁PSC₁C"
P±C-P»CH₇CëPëP₁ C₇PëP·PëPe PIPëPSPëPePSP₁PSPSC₁ C₁C₁C—C₁PëPrP°P»CH₇PSPëC...
PrC₁PjPsPe P°P±Ps C₁C₁C—C₁PëPrP°P»CH₇PSPëC... C₁PiC₇PsP± PiC-Pr C₁P°C₁
P»C-PeC₁PIP°PSPSC₁, C₁ P·PiB₇TM C₁P·PeC₁ P· C₁PëPj C—Pj C₁P»C-Pr
P·PSP°C...PsPrPëC,PëC₁C₁ PiC-Pr C₇P₁C,P₁P»CH₇PSPëPj PSP°PiP»C₁PrPsPj PSP° C,P»C-
PiC₇PëP₁PsPjC₁ PiC₇P₁PiP°C₇P°C,C₁. P₁P₁C,P°P°PSP°P»C-P· PrP°PSPëC...,
PsC,C₇PëPjP°PSPëC... C₁ C₇P₁P·C₁P»CH₇C,P°C,C- PiC₇PsPIP₁PrP₁PSPSC₁ PiP»P°C₁P₁P±Ps-
PePsPSC,C₇PsP»CH₇PsPIP°PSPëC... PeP»C-PSC-C₁PSPëC... PrPsC₁P»C-PrP₁P₁PSCH₇ P·
PIPëPIC₁P₁PSPSC₁ P°PSC,PëPrP₁PiC₇P₁C₁P°PSC,C-PI C₁ PrPsC₇PsC₁P»PëC...
PiP°C₁C-C"PS₁C,PI P· PiC₁PëC...C-C₁PSPëPjPë C₇PsP·P»P°PrP°PjPë, PiPsPeP°P·P°PI
PiC-PrPIPëC%P₁PSPëP₁ C₇PëP·PëPe PiC₇PsC₁PIC-PI C₁C₁C—C₁PëPrP°P»CH₇PSPsC—
PiPsPIP₁PrC-PSPëPë PiC₇Pë P·P°C₁C,PsC₁C₁PIP°PSPSC- P°PSC,PëPrP₁PiC₇P₁C₁P°PSC,C-PI C₁
PiP°C₁C-C"PS₁C,PI PIC-PePsPj PrPs 25 C₇PsPeC-PI PiPsC₇C-PIPSC₁PSPs P· C,P°PePëPj PiC₇Pë
P·P°C₁C,PsC₁C₁PIP°PSPSC- PiP»P°C₁P₁P±Ps.

P₁P° C,P»C- P·P°C₁C,PsC₁C₁PIP°PSPSC₁ C₁CH₇PsPiPs P»C-PeP°C₇C₁CH₇PePsPiPs P·P°C₁PsP±C₁
PiPsPeP°P·P°PSPëP₁ C₇P₁C,P₁P»CH₇PSPëP₁ PSP°PiP»C₁Pr P·P° PiP°C₁C-C"PS₁C,P°PjPë,
P·PsPeC₇P₁PjP° P·P° PiP°C₁C-C"PS₁C,P°PjPë P· PIPëC₁PsPePëPj C₇PëP·PëPePsPj
C₇PsP·PIPëC,PeC₁ C₁C₁C—C₁PëPrP°P»CH₇PSPsC₁C-, PsC₁PsP±P»PëIPs PSP° PiPsC₁P°C,PeC₁
C,P₁CH₇P°PiC-C— C,P° PiC-C₁P»C₁ P±C₁PrCH₇-C₁PePëC... P·PjC-PS C₁ PrPsP·C₁PIP°PSPSC-
PiC₇P₁PiP°C₇P°C,C₁. P₁P°C₁C-C"PS₁C,PI (C,P° PsC₁C-P±, C₁PeC- P·P° PSPëPjPë
PrPsPiP»C₁PrP°CH₇C,CH₇) PSP₁PsP±C...C-PrPSPs PiPsPiP₁CH₇P₁PrPëC,Pë PiC₇Ps
PSP₁PsP±C...C-PrPSC-C₁C,CH₇ PIC-PrC₁C,P₁P₁C₁PIP°C,Pë P±C₁PrCH₇-C₁PeC- PiC₇PsC₁PIPë
PeP»C-PSC-C₁PSPsPiPs PiPsPiC-C₇CëP₁PSPSC₁, PIPëPSPëPePSP₁PSPSC₁
C₁C₁C—C₁PëPrP°P»CH₇PSPsC— PiPsPIP₁PrC-PSPëPë P°P±Ps C₁C₁C—C₁PëPrP°P»CH₇PSPëC...
PrC₁PjPsPe, P° C,P°PePsP₁ P±C₁PrCH₇-C₁PePëC... PSP₁P·PIPëC₁PSPëC... P·PjC-PS
PiPsPIP₁PrC-PSPëPë C- PSP₁PiP°PN₇PSPs P·PIP₁CH₇C,P°C,PëC₁C₁ P·P° PjP₁PrPëC₁PSPsC₇
PrPsPiPsPjPsPiPsC₇ PiC₇Pë PIPëPSPëPePSP₁PSPSC- C₁PëC... C₁PëPjPiC,PsPjC-PI.

P—P°C₁C,PsC₁C₁PIP°PSPSC₁ PrC-C,C₁Pj

PŸPµCĤC,CĤP°P»C-PS PSPµ CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PrP»CĬ
 P»C-PeCÍPIP°PSPSCĬ PrC-C,PµPNē C,P° PiC-PrP»C-C,PeC-PI, P·P° PIPëPSCĬC,PePsPj
 PIP°C†C-C”PSC,C-PI P· PsP±CÍPµCÍPëPIPSPs-PePsPjPiCÍP»CHCÍPëPIPSPëPj CĤPsP·P»P°PrPsPj
 PIC-PePsPj 6-17 CĤPsPeC-PI. Pj C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ CÍ
 PrC-C,PµPNē, CĬPeC- PsC,CĤPëPjCÍPIP°P»Pë P°PSC,PëPrPµPiCĤPµCÍP°PSC,Pë,
 PİPsCĤC-PIPSCĬPSPs P· PIP°C†C-C”PSC,P°PjPë, CĬPeC- PsC,CĤPëPjCÍPIP°P»Pë
 PİP»P°C†PµP±Ps, C†P°CÍC,C-CēPµ CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCĬ
 CÍCÍC—C†PëPrP°P»CHPSP° PİPsPIPµPrC-PSPeP° (CÍCÍC—C†PëPrP°P»CHPSC- CÍPiCĤPsP±Pë
 C,P° CÍCÍC—C†PëPrP°P»CHPSC- PrCÍPjPePë) C- PIPsCĤPsP¶C-CÍC,CH (PİPµCĤPµPIP°P¶PSPs
 P°PiCĤPµCÍC-CĬ, PsPiPsP·PëC†C-PNēPSP° PİPsPIPµPrC-PSPeP° C,P° PiPSC-PI). PİPeC%Ps,
 PIPëC...PsPrCĬC†Pë P· PeP»C-PSC-C†PSPsC— PİPsC,CĤPµP±Pë, CĤC-CēPµPSPSCĬ PICÍPµ P¶
 PiCĤPëPNēPjP°C”C,CHCÍCĬ PSP° PePsCĤPëCÍC,CH PiCĤPëP·PSP°C†PµPSPSCĬ C†CHPsPiPs
 PİCĤPµPiP°CĤP°C,CÍ, PSPµPsP±C...C-PrPSPëPNē CĤPµC,PµP»CHPSPëPNē PjPsPSC-C,PsCĤPëPSPi
 C%PsPrPs PIPëCĬPIP»PµPSPSCĬ PsP·PSP°Pe CÍCÍC—C†PëPrP°P»CHPSPëC...
 CÍPëPjPiC,PsPjC-PI. PĤCĤC-Pj C,PsPiPs, PrPsCÍC,CÍPİPSP° C,C-P»CHPePë PsP±PjPµP¶PµPSP°
 PeC-P»CHPeC-CÍC,CH PeP»C-PSC-C†PSPëC... PrPsPeP°P·C-PI C%PsPrPs P±PµP·PiPµPePë
 PrPsPiPiPsC,CĤPëPIP°P»PsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PiCĤPµPiP°CĤP°C,CÍ CÍ
 PrC-C,PµPNē C,P° PiC-PrP»C-C,PeC-PI, C%Ps PIPeP»CHC†P°CHC,CH PIPİP»PëPI PSP° C—C...
 CĤC-CÍC,, CÍC,P°C,PµPIPµ PrPsP·CĤC-PIP°PSPSCĬ, P° C,P°PePsP¶ PePsPiPSC-C,PëPIPSPëPNē C-
 PİPsPIPµPrC-PSPePsPIPëPNē CĤPsP·PIPëC,PsPe. Pj PİPsCÍC,PjP°CĤPePµC,PëPSPiPsPiPsPjCÍ
 PİPµCĤC-PsPrC- P±CÍP»Pë P·P°CĤPµC”CÍC,CĤPsPIP°PSC- PİPsPIC-PrPsPjP»PµPSPSCĬ PiCĤPs
 PrPµPeC-P»CHPeP° PIPëPİP°PrPeC-PI CÍPİPsPIC-P»CHPSPµPSPsPiPs CĤPsCÍC,CÍ C,P°
 CÍC,P°C,PµPiPsPiPs PrPsP·CĤC-PIP°PSPSCĬ. PĤP»C-PSC-C†PSP° P·PSP°C†CÍC%C-CÍC,CH C,P°
 PiCĤPëC†PëPSPSPëPNē P·PICĬP·PsPe PİPsPePë C%Ps PSPµ P·BĤ™ CĬCÍPsPIP°PSC-. PµCĤPë
 PrPsPiPiPsC,CĤPëPIP°P»C-PNē C,PµCĤP°PiC-C— PİP°C†C-C”PSC,C-PI PrPëC,CĬC†PsPiPs
 PIC-PeCÍ P»C-PeP°CĤC- PjP°CHC,CH P·PrC-PNēCÍPSCĤPIP°C,Pë PjPsPSC-C,PsCĤPëPSPi PSP°
 PiCĤPµPrPjPµC, PIPëCĬPIP»PµPSPSCĬ PIC-PrC...PëP»PµPSCĤ PIC-Pr PSPsCĤPj CÍ
 PiCĤPsC†PµCÍC- CĤPsCÍC,CÍ C,P° CĤPsP·PIPëC,PeCÍ PsCĤPiP°PSC-P·PjCÍ.

PĤPSPsPjP°P»CHPSC- PeCĤPsPIPsC,PµC†C-/PeCĤPsPIPsPIPëP»PëPIPë

PµCĤPë P·P°CÍC,PsCÍCÍPIP°PSPSC- PŸP†P—P—PŸ PİPsPIC-PrPsPjP»CĬP»PsCÍCĬ PiCĤPs
 PIPëPİP°PrPePë PİP°C,PsP»PsPiC-C†PSPëC... PiPµPjPsCĤP°PiC-C†PSPëC... CĬPIPëC%, CÍ
 C,PsPjCÍ C†PëCÍP»C- PiCĤPs CēPeC-CĤPSC- PiPµPjPsCĤP°PiC-C†PSC- CĬPIPëC%P°
 (PµPeC...C-PjPsP·Pë C- PiCÍCĤPiCÍCĤP°), C,P° C-PSCēPëC... PiPµPjPsCĤP°PiC-C†PSPëC...
 CĬPIPëC%, C,P°PePëC... CĬPe CēP»CÍPSPePsPiPs-PePëCēPePsPIC- P°P±Ps
 PiC-PSPµPePsP»PsPiC-C†PSC- PeCĤPsPiPsC,PµC†C-, PI C,PsPjCÍ C†PëCÍP»C-
 PeCĤPsPiPsC,PµC†C- P· P»PµC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj.
 P PµPePsPjPµPSPrCÍC”C,CHCÍCĬ P· PsP±PµCĤPµP¶PSC-CÍC,CH P·P°CÍC,PsCÍPsPICrPIP°C,Pë
 PŸP†P—P—PŸ PİP°C†C-C”PSC,P°Pj, PsCÍPsP±P»PëPIPs PiCĤPë PsPrPSPsC†P°CÍPSPsPjCÍ
 P·P°CÍC,PsCÍCÍPIP°PSPSC- P· P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, CĬPeC-, CĬPe
 PIC-PrPsPjPs, PIPİP»PëPIP°CHC,CH PSP° C,CĤPsPjP±PsC†PëC,P°CĤPSCÍ C,,CÍPSPeC†C-CH
 (PSP°PiCĤPëPeP»P°Pr P· P°PSC,PëPePsP°PiCÍP»CĬPSC,P°PjPë, P°C,PëPiPsPIPëPjPë
 P°PSC,PëPiCÍPëC...PsC,PëC†PSPëPjPë P·P°CÍPsP±P°PjPë C- C,,PµPSPsC,C-P°P·PëPSP°PjPë,
 P±C-P»CHCēC-CÍC,CH C,CĤPëC†PëPeP»C-C†PSPëC... P°PSC,PëPrPµPiCĤPµCÍP°PSC,C-PI,
 P°C†PµC,PëP»CÍP°P»C-C†PëP»PsPiPsCH PePëCÍP»PsC,PsCH C,P°
 PSPµCÍC,PµCĤPsC—PrPSPëPjPë PiCĤPsC,PëP·P°PİP°P»CHPSPëPjPë PiCĤPµPiP°CĤP°C,P°PjPë
 (PĤPµP—Pµ)), CĬPe C- CÍ PİP°C†C-C”PSC,C-PI P· PiPµPjPsCĤP°PiC-C†PSPëPjPë
 PİPsCĤCÍCēPµPSPSCĬPjPë PI P°PSP°PjPSPµP·C- (PrPëPI. CĤPsP·PrC-P» B«P·P·P°C”PjPsPrC-CĬ
 P· C-PSCēPëPjPë P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCēC- PIPëPrPë
 PIP·P°C”PjPsPrC-PNēB»).

SSRIs/SNRIs PjPsP¶CfC,CH P·P±C-P»CHC€PëC,Pë C¶PëP·PëPe
PiC-CfP»C¶PiPsP»PsPiPsPiPëC... PeC¶PsPiPsC,PµC‡ (PrPëPI. C¶PsP·PrC-P»Pë
B«P·P°CfC,PsCfCfPIP°PSPSC¶ Cf PiPµC¶C-PsPr PIP°PiC-C,PSPsCfC,C- C,P°
PiPsPrCfPIP°PSPSC¶ PiC¶CfPrPrC¶B», B«PiPsP±C-C‡PSC- C¶PµP°PeC‡C-C—B»).

P°C-PiPsPSP°C,C¶C-C°PjC-C¶

Pj C¶PµP·CfP»CHC,P°C,C- C,PµC¶P°PiC-C— P¶P‡P—P—P¶ C‡Pë P‡P—P—P¶P¶,
PIPeP»CHC‡P°CHC‡Pë CfPµC¶C,C¶P°P»C-PS, PjPsP¶Pµ C¶PsP·PiPëPSCfC,PëCfC¶
PiC-PiPsPSP°C,C¶C-C°PjC-C¶. Pj P±P°PiP°C,CHPsC... PiPëPiP°PrPeP°C...
PiC-PiPsPSP°C,C¶C-C°PjC-C¶ C° C¶PµP·CfP»CHC,P°C,PsPj CfPëPSPrC¶PsPjCf
PSPµP°PrPµPePiP°C,PSPsC— CfPµPeC¶PµC‡C-C— P°PSC,PëPrC-CfC¶PµC,PëC‡PSPsPiPs
PiPsC¶PjPsPSCf. PµPsPIC-PrPsPjP»C¶P»PsCfC¶ PiC¶Ps C¶C-PIPSC- PSP°C,C¶C-C¶ Cf
CfPëC¶PsPiP°C,C‡C- PeC¶PsPIC- PSPëP¶C‡Pµ 110 PjPjPsP»CH/P». Pj PiP°C‡C-C°PSC,C-PI
P»C-C,PSCHPsPiPs PIC-PeCf PjPsP¶Pµ C-CfPSCfPIP°C,Pë P±C-P»CHC€PëPµ C¶PëP·PëPe
C¶PsP·PiPëC,PeCf PiC-PiPsPSP°C,C¶C-C°PjC-C— PiC¶Pë P·P°CfC,PsCfCfPIP°PSPSC-
P¶P‡P—P—P¶ C,P° P‡P—P—P¶P¶. P¶P°PePsP¶ C¶PëP·PëPe C‡CHPsPiPs
CfCfPeP»P°PrPSPµPSPSC¶ PjPsP¶Pµ P±CfC,Pë PiC-PrPiPëC%PµPSPëPj Cf PiP°C‡C-C°PSC,C-PI,
C¶PeC- PiC¶PëPµPjP°CHC,CH PrC-CfC¶PµC,PëPePë P°P±Ps Cf PiP°C‡C-C°PSC,C-PI P·
PiC-PiPsPiPsP»PµPjC-C°CH P±CfPrCH-C¶PePsPiPs C-PSC€PsPiPs PiPsC...PsPrP¶PµPSPSC¶
(PrPëPI. C¶PsP·PrC-P» B«P—P°CfC,PsCfCfPIP°PSPSC¶ PiP°C‡C-C°PSC,P°Pj P»C-C,PSCHPsPiPs
PIC-PeCfB»). Pj PiP°C‡C-C°PSC,C-PI C-P· CfPëPjPiC,PsPjPSPsC¶
PiC-PiPsPSP°C,C¶C-C°PjC-C°CH CfP»C-Pr C¶PsP·PiP»C¶PSCfC,Pë PiC¶PëPiPëPSPµPSPSC¶
C,PµC¶P°PiC-C— CfPµC¶C,C¶P°P»C-PSPsPj C- P·P°PiC¶PsPiP°PrPëC,Pë PIC-PrPiPsPIC-PrPSPµ
PjPµPrPëC‡PSPµ PIC,C¶CfC‡P°PSPSC¶. P°Ps PsP·PSP°Pe C- CfPëPjPiC,PsPjC-PI
PiC-PiPsPSP°C,C¶C-C°PjC-C— PSP°P»PµP¶P°C,CH PiPsP»PsPiPSPëPµ P±C-P»CH,
C,C¶CfPrPSPsC%C- P· PePsPSC‡PµPSC,C¶P°C‡C-C°CH, PiPsPiC-C¶C€PµPSPSC¶
PiP°PjB¶™ C¶C,C-, CfPiP»CfC,P°PSC-CfC,CH CfPIC-PrPsPjPsCfC,C-, CfP»P°P±PeC-CfC,CH C-
PIC,C¶P°C,P° C,,C-P·PëC‡PSPsC— C¶C-PIPSPsPiP°PiPë, C%Ps PjPsP¶Pµ PiC¶PëP·PiPµCfC,Pë
PrPs PiP°PrC-PSCH. PhP·PSP°PePë C- CfPëPjPiC,PsPjPë, P°CfPsC‡C-PµPsPiP°PSC- P·
P±C-P»CHC€ C,C¶P¶PePëPjPë C,P°/P°P±Ps PiPsCfC,C¶PëPjPë PµPiC-P·PsPrP°PjPë
PiC-PiPsPSP°C,C¶C-C°PjC-C—, PIPeP»CHC‡P°CHC,CH PiP°P»CHC‡PëPSP°C‡C-C—,
CfPëPSPePsPiPµ, CfCfPrPsPjPë, PePsPjCf, P·CfPiPëPSPeCf PrPëC...P°PSPSC¶ C,P°
P»PµC,P°P»CHPSPëPµ PSP°CfP»C-PrPsPe.

*P¶PëPjPiC,PsPjPë PIC-PrPjC-PSPë, C%Ps CfPiPsCfC,PµC¶C-PiP°CHC,CHCfC¶ PiC¶Pë
PiC¶PëPiPëPSPµPSPSC- C,PµC¶P°PiC-C— CfPµC¶C,C¶P°P»C-PSPsPj*

P¶PëPjPiC,PsPjPë PIC-PrPjC-PSPë C° C‡P°CfC,PëPj C¶PiPëC%PµPj PiC¶Pë
PiC¶PëPiPëPSPµPSPSC- C,PµC¶P°PiC-C— PiC¶PµPiP°C¶P°C,PsPj, PsCfPsP±P»PëPiPs Cf
PiPëPiP°PrPeCf C¶P°PiC,PsPiPsC— PIC-PrPjC-PSPë C,PµC¶P°PiC-C— (PrPëPI. C¶PsP·PrC-P»
B«PµPsP±C-C‡PSC- C¶PµP°PeC‡C-C—B»). P—P° PrP°PSPëPjPë PeP»C-PSC-C‡PSPëC...
PrPsCfP»C-PrP¶PµPSCH, Cf PiP°C‡C-C°PSC,C-PI, C¶PeC- PiC¶PëPiPëPSPëP»Pë
P·P°CfC,PsCfCfPIP°PSPSC¶ CfPµC¶C,C¶P°P»C-PSCf, C‡P°CfC,PsC,P° C¶PµP°PeC‡C-Pµ
PIC-PrPjC-PSPë CfC,P°PSPsPiPëP»P° 23 % PiPsC¶C-PIPSC¶PSPs P· 12 % Cf
PiP°C‡C-C°PSC,C-PI, C¶PeC- PiC¶PsPrPsPiP¶CfPIP°P»Pë PsC,C¶PëPjCfPIP°C,Pë
C,PµC¶P°PiC-C¶ CfPµC¶C,C¶P°P»C-PSPsPj.

P PëP·PëPe C¶PsP·PiPëC,PeCf CfPëPSPrC¶PsPjCf PIC-PrPjC-PSPë PjPsP¶Pµ
P·P°P»PµP¶P°C,Pë PIC-Pr PeC-P»CHPePsC... C,,P°PeC,PsC¶C-PI, PIPeP»CHC‡P°CHC‡Pë
C,C¶PëPiP°P»C-CfC,CH C,PµC¶P°PiC-C—, PrPsP·CfPIP°PSPSC¶ C,P°

C€PIPëPrPeC-Cl'C,CH P·PSPëP¶PµPSPSClI PrPsP·Pë. PkP°PNëC±P°Cl'C,C-C€Pµ
 PïPsPIC-PrPsPjP»C¶P»PsCl'C¶ PïC¶Ps C,P°PeC- C¶PµP°PeC†C-C— C¶Pe
 P·P°PïP°PjPsC¶PsC±PµPSPSClI, Cl'PµPSCl'PsC¶PSC- PïPsC¶C€PµPSPSClI
 (PIPeP»C¶C±P°C¶C±Pë PïP°C¶PµCl'C,PµP·C-C¶), PïPsC¶C€PµPSPSClI Cl'PSCr
 (PIPeP»C¶C±P°C¶C±Pë P±PµP·Cl'PsPSPSClI C,P° C¶Cl'C¶PeC¶P°PIC-
 Cl'PSPsPIPëPrC-PSPSClI), P·P±C¶PrP¶PµPSPSClI P°P±Ps PIC-PrC±C¶C,C,C¶
 C,C¶PëPIPsP¶PSPsCl'C,C-, PSCrPrPsC,P° C,P°/P°P±Ps P±P»C¶PIP°PSPSClI,
 C,C¶PµPjPsC¶ C- PïPsP»PsPIPSPëPNë P±C-P»CH. P—P°PïP°P»PsPj C†C- Cl'PëPjPiC,PsPjPë
 P±C¶P»Pë P»PµPiPePsPiPs P°P±Ps PïPsPjC-C¶PSPsPiPs Cl'C,C¶PïPµPSClI
 C,C¶P¶PePsCl'C,C-, PsPrPSP°Pe Cr PrPµC¶PePëC... PïP°C†C-C"°PSC,C-PI PIPsPSPë
 PjPsP¶CrC,CH P±C¶C,Pë C,C¶P¶PePëPjPë. P—P°P·PIPëC±P°PNë PIPsPSPë
 PIPëPSPëPeP°C¶C,CH PïC¶PsC,C¶PiPsPj PïPµC¶C€PëC... PeC-P»CHPePsC... PrPSC-PI
 PïC-Cl'P»C¶ PïC¶PëPïPëPSPµPSPSClI C,PµC¶P°PïC-C—, Cr PrC¶P¶Pµ
 C¶C-PrPeC-Cl'PSPëC... PIPëPïP°PrPeP°C... C,P°PeC- Cl'PëPjPiC,PsPjPë
 PIC-PrP·PSP°C±P°P»PëC¶C¶ Cr PïP°C†C-C"°PSC,C-PI, C¶PeC- PIPëPïP°PrPePsPIPs
 PïC¶PsPiC¶Cl'C,PëP»Pë PïC¶PëPNëPsPj PrPsP·Pë PïC¶PµPïP°C¶P°C,Cr. Pj
 P±C-P»CHC€PsCl'C,C- PIPëPïP°PrPeC-PI C†C- Cl'PëPjPiC,PsPjPë PjPëPSP°C¶C,CH
 Cl'P°PjPsCl'C,C-PNëPSPs PïC¶PsC,C¶PiPsPj 2 C,PëP¶PSC-PI, C...PsC±P° Cr
 PrPµC¶PePëC... PïP°C†C-C"°PSC,C-PI PIPsPSPë PjPsP¶CrC,CH C,C¶PëPIP°C,Pë
 PrPsPIC€Pµ (2-3 PjC-Cl'C¶C†C- C±Pë P±C-P»CHC€Pµ). PÿP°PePëPj C±PëPSPsPj,
 C¶PµPePsPjPµPSPrC¶C"°C,CHCl'C¶ PïPsCl'C,C¶PïPsPIPs P·PjPµPSC€CrPIP°C,Pë PrPsP·Cr
 Cl'PµC¶C,C¶P°P»C-PSCr PïC¶Pë PïC¶PëPïPëPSPµPSPSC- C,PµC¶P°PïC-C—
 PïC¶PµPïP°C¶P°C,PsPj PïC¶PsC,C¶PiPsPj PïPµC¶C-PsPrCr Cr PeC-P»CHPeP°
 C,PëP¶PSC-PI C±Pë PjC-Cl'C¶C†C-PI PIC-PrPïPsPIC-PrPSPs PrPs PïPsC,C¶PµP±
 PïP°C†C-C"°PSC,P° (PrPëPI. C¶PsP·PrC-P» B«PÿPïPsCl'C-P± P·P°Cl'C,PsCl'C¶PIP°PSPSClI
 C,P° PrPsP·PëB»).

P¶PeP°C,PëP·C-C¶/PïCl'PëC...PsPjPsC,PsC¶PSPëPNë PSPµCl'PiPsPeC-PNë

P—P°Cl'C,PsCl'C¶PIP°PSPSClI Cl'PµC¶C,C¶P°P»C-PSCr P°Cl'PsC†C-C¶C"°C,CHCl'C¶ P·
 C¶PsP·PIPëC,PePsPj P°PeP°C,PëP·C-C—, C°°Ps C...P°C¶P°PeC,PµC¶PëP·CrC"°C,CHCl'C¶
 Cl'C¶P±B¶™ C"°PeC,PëPIPSPs PSPµPïC¶PëC"°PjPSPëPj P°P±Ps PSPµPIP°PjPsPIPSPëPj
 PSPµCl'PiPsPePsC"°Pj C,P° PïPsC,C¶PµP±PsC¶ C¶C¶C...P°C,PëCl'C¶, C°°Ps C±P°Cl'C,Ps
 Cl'C¶PïC¶PsPIPsPrP¶CrC"°C,CHCl'C¶ PSPµP·PrP°C,PSC-Cl'C,C¶ Cl'PëPrC-C,Pë C±Pë
 Cl'C,PsC¶C,Pë Cl'PiPsPeC-PNëPSPs. P PëP·PëPe PIPëPSPëPePSPµPSPSClI C,P°PePëC...
 CrCl'PeP»P°PrPSPµPSC¶ PSP°PNëP±C-P»CHC€PëPNë PïC¶PsC,C¶PiPsPj PïPµC¶C€PëC...
 PeC-P»CHPePsC... C,PëP¶PSC-PI C,PµC¶P°PïC-C—. Pj PïP°C†C-C"°PSC,C-PI, Cr C¶PePëC...
 C¶PsP·PIPëPIP°C¶C,CHCl'C¶ C†C- Cl'PëPjPiC,PsPjPë, P·P±C-P»CHC€PµPSPSClI PrPsP·Pë
 PjPsP¶Pµ P±C¶C,Pë C€PeC-PrP»PëPIPëPj.

P—P°Cl'C,PsCl'C¿PIP°PSPSClI PïC¶Pë PïPµC±C-PSPePsPIC-PNë PSPµPrPsCl'C,P°C,PSPsCl'C,C-

PÿPµC¶C,C¶P°P»C-PS C-PSC,PµPSCl'PëPIPSPs PjPµC,P°P±PsP»C-P·CrC"°C,CHCl'C¶ Cr
 PïPµC±C-PSC†C-. P—P° C¶PµP·CrP»CHC,P°C,P°PjPë C,,P°C¶PjP°PePsPeC-PSPµC,PëC±PSPsPiPs
 PrPsCl'P»C-PrP¶PµPSPSClI P· P±P°PïP°C,PsPeC¶P°C,PSPëPj PïC¶PëPNëPsPjPsPj
 PïC¶PµPïP°C¶P°C,Cr Cr PïP°C†C-C"°PSC,C-PI P·C- Cl'C,P°P±C-P»CHPSPëPj C†PëC¶PsP·PsPj
 P»PµPiPePsPiPs Cl'C,C¶PïPµPSClI Cl'PiPsCl'C,PµC¶C-PiP°P»PsCl'C¶ PïPsPrPsPIP¶PµPSPSClI
 PïPµC¶C-PsPrCr PSP°PïC-PIIPëPIPµPrPµPSPSClI C,P° P·P±C-P»CHC€PµPSPSClI AUC C,P° C_{max}
 PïC¶PëP±P»PëP·PSPs PIC,C¶PëC±C- PïPsC¶C-PIPSClIPSPs P· C†PëPjPë PïPsPeP°P·PSPëPeP°PjPë

PI PsCfC-P± C-P· PSPsCfPjP°P»CHbPSPsCf C,,CfPSPeC†C-C"Ch PiPμC†C-PSPePë.
P—PSP°C†CfC%PëC... PIC-PrPjC-PSPSPsCfC,PμPNë Cf CfC,CfPiPμPSC-
P·PiBf™ CΠP·CfPIP°PSPSCΠ PiCfPμPiP°CfP°C,Cf P· P±C-P»PeP°PjPë PiP»P°P·PjPë PeCfPμPIC-
PjC-P¶ C†PëPjPë PrPIPsPjP° PiCfCfPiP°PjPë CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PμPSPSCΠ
PSPμ PIPëCΠPIP»PμPSPs. PŸP»C-Pr P±CfC,Pë PsP±PμCfPμP¶PSPëPjPë PiCfPë
P·P°CfC,PsCfCfPIP°PSPSC- CfPμCfC,CfP°P»C-PSCr PiP°C†C-C"PS,C,P°Pj C-P·
PiP°C,PsP»PsPiC-C"Ch PiPμC†C-PSPePë. PJ PIPëPiP°PrPeCf PiCfPëP·PSP°C†PμPSPSCΠ
CfPμCfC,CfP°P»C-PSCr PiP°C†C-C"PS,C,P°Pj C-P· PiPsCfCfC€PμPSPSCΠPjPë C,,CfPSPeC†C-C—
PiPμC†C-PSPePë PSPμPsP±C...C-PrPSPs P·PIP°P¶PëC,Pë PrPsC†C-P»CHbPSC-CfC,CH
P·PjPμPSC€PμPSPSCΠ PrPsP·Pë P°P±Ps C†P°CfC,PsC,Pë PiCfPëPNëPsPjCf PiCfPμPiP°CfP°C,Cf.
PŸPμCfC,CfP°P»C-PS PSPμ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë PiP°C†C-C"PS,C,P°Pj P·
C,CΠP¶PePsCf PiPμC†C-PSPePsPIPsCf PSPμPrPsCfC,P°C,PS-CfC,Ch (PrPëPI. CfPsP·PrC-P»
B«PŸPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCΠ C,P° PrPsP·PëB»).

P—P°CfC,PsCfCzPIP°PSPSCΠ PiCfPë PSPëCfPePsPIC-PNë PSPμPrPsCfC,P°C,PSPsCfC,C-

PŸPμCfC,CfP°P»C-PS C-PSC,PμPSCfPëPIPsPs PjPμC,P°P±PsP»C-P·CfC"ChCfCΠ;
PIPëPIPμPrPμPSPSCΠ PSPμP·PjC-PSPμPSPsC— CfPiPsP»CfPePë C-P· CfPμC†PμCf C"
PrCfCfPiPsCfCΠPrPSPëPj C€P»CΠC...PsPj PμP»C-PjC-PSP°C†C-C—. PJ
PrPsCfP»C-PrP¶PμPSPSCΠC... P· CfC†P°CfC,Ch PiP°C†C-C"PS,C-PI C-P·
PiPsCfCfC€PμPSPSCΠPj C,,CfPSPeC†C-C— PSPëCfPsPe PIC-Pr P»PμPiPePsPiPs PrPs
CfPμCfPμPrPSCHbPsPiPs CfC,CfPiPμPSCΠ (PeP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCr 30-60
PjP»/C...PI) P°P±Ps PIC-Pr CfPμCfPμPrPSCHbPsPiPs PrPs C,CΠP¶PePsPiPs CfC,CfPiPμPSCΠ
(PeP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCr 10-29 PjP»/C...PI)
C,,P°CfPjP°PePsPeC-PSPμC,PëC†PSC- PiP°CfP°PjPμC,CfPë (AUC₀₋₂₄ C,P° C_{max}) PiCfPë
P±P°PiP°C,PsPeCfP°C,PSPsPjCf PiCfPëPNëPsPjC- PiCfPμPiP°CfP°C,Cf P±CfP»Pë P±PμP·
CfC,P°C,PëCfC,PëC†PSPs P·PSP°C†CfC%PëC... PIC-PrPjC-PSPSPsCfC,PμPNë PIC-Pr C†PëC...
PiPsPeP°P·PSPëPeC-PI Cf PiCfCfPiC- PePsPSC,CfPsP»Ch. PkPμPjP°C"
PSPμPsP±C...C-PrPSPsCfC,C- Cf PePsCfPëPiCfPIP°PSPSC- PrPsP·Pë P·P°P»PμP¶PSPs PIC-Pr
CfC,CfPiPμPSCΠ PiPsCfCfC€PμPSCHb C,,CfPSPeC†C-C— PSPëCfPsPe.

P—P°CfC,PsCfCzPIP°PSPSCΠ PiP°C†C-C"PS,C,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCz

PJ PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSPSCΠC... P±CfP°P»Pë CfC†P°CfC,CH
PiPsPSP°Pr 700 PiP°C†C-C"PS,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf (PIC-PePsPj > 65 CfPsPeC-PI).
PŸP°CfP°PeC,PμCf C- C†P°CfC,PsC,P° CfPsP·PIPëC,PeCf PiPsP±C-C†PSPëC... CfPμP°PeC†C-PNë
Cf PiP°C†C-C"PS,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf P±CfP»Pë PiPsPrC-P±PSPëPjPë PrPs
C,P°PePëC..., C%Ps CfPiPsCfC,PμCfC-PiP°P»PëCfCh Cf PjPsP»PsPrC€PëC...
PiP°C†C-C"PS,C-PI.

PkPrPSP°Pe P·P°CfC,PsCfCfPIP°PSPSCΠ PŸP†P—P—PŸ C,P° P†P—P—PkPŸ,
PIPeP»ChC†P°ChC†Pë CfPμCfC,CfP°P»C-PS, P±CfP»Ps PiPsPiBf™ CΠP·P°PSPμ P·
PIPëPiP°PrPeP°PjPë PeP»C-PSC-C†PSPs P·PSP°C†CfC%PsC— PiC-PiPsPSP°C,CfC-C"PjC-C— Cf
PiP°C†C-C"PS,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf, PI CΠPePëC... PjPsP¶Pμ
CfPiPsCfC,PμCfC-PiP°C,PëCfCΠ P±C-P»CHbC€PëPNë CfPëP·PëPe CfPsP·PIPëC,PeCf
C†CHbPsPiPs PiPsP±C-C†PSPsPiPs CΠPIPëC%P° (PrPëPI. B«P"C-PiPsPSP°C,CfC-C"PjC-CΠB» Cf
CfPsP·PrC-P»C- B«PkCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCΠB»).

PiCzPeCfPsPIPëPNë PrC-P°P±PμC,

PJ PiP°C†C-C"PS,C-PI P· C†CfPeCfPsPIPëPj PrC-P°P±PμC,PsPj, P·P°CfC,PsCfCfPIP°PSPSCΠ
PŸP†P—P—PŸ PjPsP¶Pμ PIPiP»PëPIP°C,Pë PSP° PiPsPeP°P·PSPëPePë PiP»C-PePμPjC-C†PSPsPiPs

PePsPSC,ChPsP»CĤ. P”PsP·CfPIP°PSPSCĬ C-PSCfCfP»C-PSCf C,P°/P°P±Ps
PiPμCĤPsCĤP°P»CHbPSPsPiPs PiC-PiPsPiP»C-PePμPjC-C†PSPsPiPs P·P°CfPsP±Cf PjPsP¶Pμ
PiPsC,ChPμP±CfPIP°C,Pē PePsCĤPēPiCfPIP°PSPSCĬ.

P·P»PμPeC,ChPsCεPsPePsPIP° C,PμCĤP°PiC-CĬ

PĤP»C-PSC-C†PSPēC... PrPsCfP»C-PrP¶PμPSCHb, CfPiCĤCĬPjPsPIP°PSC- PSP°
PIPēPIC†PμPSPSCĬ CĤPēP·PēPeC-PI P°P±Ps PiPμCĤPμPIP°Pi PePsPjP±C-PSPsPIP°PSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCĬ P·PēPŷ C,P° CfPμCĤC,ChP°P»C-PSCf, PSPμ PiCĤPsPiPsPrPēP»Pē.

P”CĤPμPNēPiC,,CĤCžC,PsPIPēPNē CfC-Pe

PĤPrPSPsC†P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCĬ CfPμCĤC,ChP°P»C-PSCf P·
PiCĤPμPNēPiC,,CĤCfC,PsPIPēPj CfPsPePsPj PSPμ CĤPμPePsPjPμPSPrPsPIP°PSPμ (PrPēPI.
CĤPsP·PrC-P»B B«*P’P·P°C”PjPsPrC-CĬ P· C-PSCεPēPjPē P»C-PeP°CĤCfCHbPePēPjPē*
P·P°CfPsP±P°PjPē C,P° C-PSCεC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

P’P·P°C”PjPsPrC-CĬ P·C- CfPeCĤPēPSC-PSPiPsPIPēPj P°PSP°P»C-P·PsPj CfPμC†C-

PĤC,ChPēPjP°PSC- PiPsPIC-PrPsPjP»PμPSPSCĬ C%PsPrPs C...PēP±PSPs-PiPsP·PēC,PēPIPSPēC...
C-PjCfPSPsP»PsPiC-C†PSPēC... CfPeCĤPēPSC-PSPiPsPIPēC... C,PμCfC,C-PI CfPμC†C- PSP°
PIPēP·PSP°C†PμPSPSCĬ PIPjC-CfC,Cf P±PμPSP·PsPrC-P°P·PμPiC-PSC-PI Cf
PiP°C†C-C”PSC,C-PI, CĬPeC- PiCĤPēPNēPjP°P»Pē CfPμCĤC,ChP°P»C-PS. PfPēP±PSPs-
PiPsP·PēC,PēPIPSC- ChPμP·CfP»CHbC,P°C,Pē P·CfPjPsPIP»PμPSC- PSPēP·CHbPePsCĤ
CfPiPμC†PēC,,C-C†PSC-CfC,CĤ PIPeP°P·P°PSPsPiPs P»P°P±PsCĤP°C,PsCĤPSPsPiPs C,PμCfC,Cf
C,P° PjPsP¶CfC,CH CfPiPsCfC,PμCĤC-PiP°C,PēCfCĬ PIPiCĤPsPrPsPIP¶ PeC-P»CHbPePsC...
PrC-P± PiC-CfP»CĬ PiCĤPēPiPēPSPμPSPSCĬ P»C-PeCfPIP°PSPSCĬ CfPμCĤC,ChP°P»C-PSPsPj.
P”PēC,,PμCĤPμPSC†C-CHPIP°C,Pē CfPμCĤC,ChP°P»C-PS PIC-Pr
P±PμPSP·PsPrC-P°P·PμPiC-PSC-PI Cf CfPμC†C- PjPsP¶P»PēPIPs CεP»CĬC...PsPj
PiCĤPsPIPμPrPμPSPSCĬ CfC,PsC†PSCĤPIP°P»CHbPSPēC... C,PμCfC,C-PI bĤ” PiP°P·PsPIPsC—
C...CĤPsPjP°C,PsPiCĤP°C,,C-C—/PjP°Cf-CfPiPμPeC,ChPsPjPμC,CĤC-C—.

P—P°PeCĤPēC,PsPeCžC,PsPIP° PiP»P°CžPePsPjP°

PμCĤPμPiP°CĤP°C,Pē PeP»P°CfCf PŷP†P—P—Pŷ, Cf C,PsPjCf C†PēCfP»C-
CfPμCĤC,ChP°P»C-PS, PjPsP¶CfC,CH PIPiP»PēPIP°C,Pē PSP° CĤPsP·PjC-CĤ P·C-PSPēC†C- P·
CĤPsP·PIPēC,PePsPj PjC-PrCĤC-P°P·Cf. PŷP°PePēPNē PμC,,PμPeC, PjPsP¶Pμ
PiCĤPēP·PiPsPrPēC,Pē PrPs P·PICfP¶PμPSPSCĬ PeCfC,P° PsPeP° P· PiPsPrP°P»CHbCεPēPj
PiC-PrPIPēC%PμPSPSCĬPj PIPSCfC,CĤC-CεPSCĤPsPsC†PSPsPiPs C,PēCfPeCf C,P°
CĤPsP·PIPēC,PePsPj P·P°PeCĤPēC,PsPeCfC,PsPIPsC— PiP»P°CfPePsPjPē, PsCfPsP±P»PēPIPs Cf
PiP°C†C-C”PSC,C-PI P· PIC-PrPiPsPIC-PrPSPsCĤ CfC...PēP»CHbPSC-CfC,CĤ.
PŷPμCĤC,ChP°P»C-PS CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pē P· PsP±PμCĤPμP¶PSC-CfC,CĤ
PiP°C†C-C”PSC,P°Pj C-P· P·P°PeCĤPēC,PsPeCfC,PsPIPsCĤ PiP»P°CfPePsPjPsCĤ C,P°
PiP»P°CfPePsPjPsCĤ PI P°PSP°PjPSPμP·C-.

***P—P°CfC,PsCfCžPIP°PSPSCĬ Cž PiPμCĤC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrCžPIP°PSPSCĬ PiCĤCžPrPrCĤ.***

P’P°PiC-C,PSC-CfC,CHb

PkPμ C-CfPSCfC” PrPsP±CĤPμ PePsPSC,CĤPsP»CHbPsPIP°PSPēC... PIPēPIC†PμPSCHb

РiСҗРµРiР°СҗР°С,Ср Р· СрС±Р°СҗС,Сҗ РiР°РiС-С,РSPёС... Р¶С-РSPsРё. РҗРrРSP°Рё
СҗСрС,С,С"РiР° РёС-Р»СҗРёС-СҗС,Сҗ РrР°РSPёС... РSPµ РiРёСҗРiР»СҗС" РrРsРёР°Р·С-Рi
С%PsРrРs РiРёРSPёРёРSPµРSPSCҗ РiСҗРsРrР¶РµРSPёС... РiР°Рr СҗРsР·РiРёС,РёСр РiР»РsРrР°
С±РµСҗРµР· Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ СҗРµСҗС,СҗР°Р»С-РSCр. Рj
РrРsСҗР»С-РrР¶РµРSPSCҗС... РSP° С,РiР°СҗРёРёРSP°С... Р±СрР»Рs РiРёСҗРiР»Р»РµРSPs
РiРiР»Р»Рё РSP° СҗРµРµРiСҗРsРrСрРёС,РёРiРiРSCр С,,СрРSPёСҗС-Сҗ, РiС-СҗРsРiС-РrРSPs, Ср
Р·РiРёҗ™ СҗР·Р·РёСр Р· С,РsРёСҗРёС±РSPsСҗ РrС-С"Сҗ РiСҗРµРµРiР°СҗР°С,Ср РSP°
РsСҗРiР°РSC-Р·Рj РjР°С,РµСҗС-, СҗРiСҗРёС±РёРSPµРSPsСҗ
С,,Р°СҗРjР°РёРёРsРrРёРSP°РjС-С±РSPsСҗ РrС-С"Сҗ РiСҗРµРµРiР°СҗР°С,Ср С,Р°/Р°Р±Рs
РiСҗСҗРjРsСҗ С,,Р°СҗРjР°РёРёРsРrРёРSP°РjС-С±РSPsСҗ РrС-С"Сҗ РiСҗРµРµРiР°СҗР°С,Ср РSP°
РiР»С-Рr.

РµРsРiС-РrРsРjР»СҗР»Р»СҗСҗ, С%Ps Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ СҗРµСҗС,СҗР°Р»С-РSCр Ср
РiРµСҗС-РsРr РiР°РiС-С,РSPsСҗС,С- СҗРiСҗРёС±РёРSPSCҗ" Ср РrРµСҗРёРёС...
РSPsРiРsРSP°СҗРsРrР¶РµРSPёС... (РjР°С,РµСҗС- СҗРёРёС... РiСҗРёРµРµРjР°Р»Р»Рё
СҗРµСҗС,СҗР°Р»С-РS), СҗРёРjРiС,РsРjРё, РiРsРrС-Р±РSC- РrРs СҗРµРµРiР°СҗС-РNё
РiС-РrРjС-РSPё. РjРµРNё С,,РµРSPsРjРµРS С,Р°РёРsР¶ СҗРiРsСҗС,РµСҗС-РiР°РiСҗСҗ РiСҗРёРё
Р·Р°СҗС,РsСҗСрРiР°РSPSC- С-РSCёРёС... Р°РSC,РёРrРµРµРiСҗРµРµСҗР°РSC,С-Рi РёР»Р»Р°СҗСр
РҮРrР-Р-РҮ.

Р°Р°РSC- СҗРiРsСҗС,РµСҗРµРµРµРµРµРµ РiРёР°Р·СрСҗСҗ,Сҗ РSP° РiС-РrРiРёС%PsРSPёРNё
СҗРёРёР·РёРё (РjРµРSCё РSC-Р¶ Ср 2 СҗР°Р·РёРё) РiС-СҗР»Р»РiРsР»РsРiРsРiРsС—
РёСҗРsРiРsС,РµС±С- РiС-СҗР»Р» Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ РiРiР»Р»РёСр SSRIIs/SNRIIs
РiСҗРsС,СҗРiРsРj РjС-СҗСҗСҗСҗ РrРs РSP°СҗРsРrР¶РµРSPSCҗ (РrРёРi. СҗРsР·РrС-Р»Рё
В«РsСҗРsР±Р»Р»Ри- Р·Р°СҗС,РsСҗСрРiР°РSPSCҗВ», В«РiРsР±С-С±РSC- СҗРµРµРiР°СҗС-В»).

РҮРµСҗС,СҗР°Р»С-РS РSPµ СҗРµРµРsРjРµРSPrСрС"С,СҗСҗСҗ Р·Р°СҗС,РsСҗРsРiСрРiР°С,Рё Ср
РiРµСҗС-РsРr РiР°РiС-С,РSPsСҗС,С-, РёСҗС-Рj РiРёРiР°РrРёС-Рi, РёРsР»Рё
РёР»С-РSC-С±РSPёРNё СҗС,Р°РS Р¶С-РSPёС С,Р°РёРёРNё, С%Ps РsС±С-РёСрРiР°РSC-
РiРµСҗРµРµРiР°РiРё РiС-Рr Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ РiСҗРµРµРiР°СҗР°С,Ср
РiРµСҗРµРµРiР°СҗСҗСҗ,Сҗ РiРsС,РµРSCҗС-РNёРSPёРNё СҗРёРёР·РёРё.

Р-С-РSPёС СҗРµРµРiСҗРsРrСрРёС,РёРiРSPsРiРs РiС-РёСр РiСҗРёРё РiСҗРёРёРNёРsРjС-
СҗРµСҗС,СҗР°Р»С-РSCр РjР°СҗС,Сҗ Р·Р°СҗС,РsСҗРsРiСрРiР°С,Рё РiС-РrРiРsРiС-РrРSC-
Р·Р°СҗРsР±Рё РёРsРSC,СҗР°СҗРµРiСҗС—.

РҮР»С-Рr РSP°РiР»СҗРrР°С,Рё Р·Р° РSPsРiРsРSP°СҗРsРrР¶РµРSPёРjРё, СҗРёС%Ps РjР°С,Рё
РiСҗРsРrРsРiР¶Ср" Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ СҗРµСҗС,СҗР°Р»С-РSCр РSP° РiС-Р·РSC-С...
С,РµСҗРjС-РSP°С... РiР°РiС-С,РSPsСҗС,С-, РsСҗРsР±Р»Р»Ри РiРiРs Ср РrРrР С,СҗРёРjРµРµСҗС,СҗС-.
РµС-СҗР»Р» Р·Р°СҗС,РsСҗСрРiР°РSPSCҗ СҗРµСҗС,СҗР°Р»С-РSCр РSP° РiС-Р·РSC-С...
СҗС,Р°РrС-СҗС... РiР°РiС-С,РSPsСҗС,С- Ср РSPsРiРsРSP°СҗРsРrР¶РµРSPёС... РjРsР¶СрС,Сҗ
РiРёРSPёРёР°С,Рё РSP°СҗС,СрРiРSC- СҗРёРjРiС,РsРjРё: СҗРµРµСҗРiС-СҗР°С,РsСҗРSPёРNё
РrРёСҗС,СҗРµСҗСҗ-СҗРёРSPrСҗРsРj, СҗС-Р°РSPsР·, Р°РiРSPsРµ, СҗСрРrРsРjРё,
С,РµРjРiРµРµСҗР°С,СрСҗРSP° РSPµСҗС,Р°Р±С-Р»СҗРSC-СҗС,Сҗ, С,СҗСрРrРSPsС%С- Р·
РiРsРrСрРiР°РSPSCҗРj, Р±Р»Р»РиРiР°РSPSCҗ, РiС-РiРsРiР»С-РёРµРµРjС-СҗС,
РiС-РiРµСҗС,РsРSCрСҗС, РiС-РiРsС,РsРSCрСҗС, РiС-РiРµСҗСҗРµРµС,,Р»РµСҗС-СҗС,
С,СҗРµРjРsСҗС, СҗРёРSPrСҗРsРj РiС-РrРiРёС%PsРSPsС— РSPµСҗРiРsРiРs-
СҗРµРµС,,Р»РµС,РsСҗРSPsС— Р·Р±СрРrР»РёРiРsСҗС,С-, РrСҗР°С,С-РiР»Р»РиСҗС-СҗС,Сҗ,
РjР»СҗРiС-СҗС,Сҗ/Р°РiР°С,РёС±РSC-СҗС,Сҗ, РiРsСҗС,С-РNёРSPёРNё РiР»Р»Р»СҗС,
СҗРsРSP»РёРiС-СҗС,Сҗ С- С,СҗСрРrРSPsС%С- Р· Р·Р°СҗРёРSP°РSPSCҗРj. РiС-
СҗРёРjРiС,РsРjРё РjРsР¶СрС,Сҗ Р±СрС,Рё Р·СрРjРsРiР»Р»Р»Р»Р»Р» Р-РSCёРёРjРё
СҗРµСҗРsС,РsРSC-РSPµСҗРiС-С±РSPёРjРё РµС,,РµС,Р°РjРё Р°Р±Рs СҗРёРjРiС,РsРjРjРё

PIC-PrPjC-PSPë. Pj P±C-P»CHC€PsCfC,C- PIPëPïP°PrPeC-PI C†C- C†C†PeP»P°PrPSPµPSPSC‡
C‡PsP·PIPëPIP°C‡C,CHC†C‡ PsPrC‡P°P·C† P¶ PïC-C†P»C‡ PïPsP»PsPiC-PI P°P±Ps
PSP°PNëP±P»PëP¶C†PëPj C†P°C†PsPj (PïC‡PsC,C‡PïPsPj PjPµPSC€ PSC-P¶ 24 PiPsPrPëPS).

P—PiC-PrPSPs P· PrP°PSPëPjPë PµPïC-PrPµPjC-PsP»PsPiC-C†PSPëC... PrPsC†P»C-PrP¶PµPSC‡
PsC†C-PeC†C”C,CHC†C‡, C°Ps P·P°C†C,PsC†C†PIP°PSPSC‡ PŸP†P—P—PŸ C† PïPµC‡C-PsPr
PIP°PiC-C,PSPsC†C,C-, PsC†PsP±P»PëIPs PSP° PïC-P·PSC-C... C†C‡PsPeP°C...
PIP°PiC-C,PSPsC†C,C-, PjPsP¶Pµ PïC-PrPIPëC°C†PIP°C,Pë C‡PëP·PëPe C‡PsP·PIPëC,PeC†
C†PëPSPrC‡PsPjC† PïPµC‡C†PëC†C,C†C‡C†PsC— P»PµPiPµPSPµPIPSC—
PiC-PïPµC‡C,PµPSP·C-C— PSPsIPsPSP°C‡PsPrP¶PµPSPëC.... P PëP·PëPe PSP° C,P»C-
PïC‡PëPNëPsPjC† PïC‡PµPïP°C‡P°C,C† C†PïPsC†C,PµC‡C-PiP°C”C,CHC†C‡ P·
C†P°C†C,PsC,PsC‡ PïC‡PëP±P»PëP·PSPs 5 PIPëPïP°PrPeC-PI PSP° 1000
PIP°PiC-C,PSPsC†C,PµPNë. Pj P·P°PiP°P»CHPSC-PNë PïPsPïC†P»C‡C†C-C—
PIC-PrP·PSP°C†P°C”C,CHC†C‡ 1-2 PIPëPïP°PrPePë C†PëPSPrC‡PsPjC†
PïPµC‡C†PëC†C,C†C‡C†PsC— P»PµPiPµPSPµPIPSC— PiC-PïPµC‡C,PµPSP·C-C—
PSPsIPsPSP°C‡PsPrP¶PµPSPëC... PSP° 1000 PIP°PiC-C,PSPsC†C,PµPNë.

P°PsPrC‡PIP°PSPSC‡ PïC‡C‡PrPrC‡

P‡PïC†P±P»C-PePsPIP°PSC- PrP°PSC- C°PsPrPs C‡C-PIPSC-PI C†PµC‡C,C‡P°P»C-PSC† C†
PïC‡C†PrPSPsPjC† PjPsP»PsC†C- C†PIC-PrC†P°C,CH PïC‡Ps C,Pµ, C°Ps C†PµC‡C,C‡P°P»C-PS
C- PNëPsPiPs PjPµC,P°P±PsP»C-C, N-PrPµP·PjPµC,PëP»C†PµC‡C,C‡P°P»C-PS
PµPeC†PeC‡PµC,C†C‡C,CHC†C‡ C† PïC‡C†PrPSPµ PjPsP»PsPePs C† PjP°P»C-PNë
PeC-P»CHPePsC†C,C-. P—P°PiP°P»PsPj C† C†PëC‡PsPIP°C,C†C- PeC‡PsPIC- PSPµPjPsPIP»C‡C,
PIPëC‡PIP»C‡P»Pë PSPµP·PSP°C†PSC- PePsPSC†PµPSC,C‡P°C†C-C— PïC‡PµPïP°C‡P°C,C†
P°P±Ps PePsPSC†PµPSC,C‡P°C†C-C— PïC‡PµPïP°C‡P°C,C†, PSPµPrPsC†C,C†PïPSC- PrP»C‡
PIPëP·PSP°C†PµPSPSC‡, P·P° PIPëPSC‡C,PePsPj PsPrPSPsPiPs PIPëPïP°PrPeC†, PePsP»Pë
PePsPSC†PµPSC,C‡P°C†C-C‡ PïC‡PµPïP°C‡P°C,C† C† C†PëC‡PsPIP°C,C†C- PeC‡PsPIC-
PSPµPjPsPIP»C‡C,Pë C†C,P°PSPsPIPëP»P° PïC‡PëP±P»PëP·PSPs 50 % PIC-Pr
PePsPSC†PµPSC,C‡P°C†C-C— PïC‡PµPïP°C‡P°C,C† C† C†PëC‡PsPIP°C,C†C- PeC‡PsPIC-
PjP°C,PµC‡C- (P°P»Pµ P±PµP· P±C†PrCH-C‡PePsPiPs PïPsPjC-C,PSPsPiPs PIPïP»PëPIC† PSP°
P·PrPsC‡PsPïB‡™ C‡ C†CHPsPiPs PSPµPjPsPIP»C‡C,Pë). P‡P° PrP°PSPëPNë C†P°C† PSPµ
PïPsPIC-PrPsPjP»C‡P»PsC†C‡ PïC‡Ps PïPsP±C-C†PSC† PrC-C‡ PïC‡PµPïP°C‡P°C,C† PSP°
P·PrPsC‡PsPïB‡™ C‡ PrC-C,PµPNë, C‡PePëC... PiPsPrC†PIP°P»Pë PïC‡C†PrPrC‡ P¶C-PSPePë,
C‡PeC- P·P°C†C,PsC†PsPIC†PIP°P»Pë C†PµC‡C,C‡P°P»C-PS, P°P»Pµ C,P°PePëPNë C‡PëP·PëPe
PSPµ PjPsP¶PSP° PIPëPeP»C‡C†P°C,Pë. P—P°C†C,PsC†C†PIP°PSPSC‡ PïC‡PµPïP°C‡P°C,C† C†
PïPµC‡C-PsPr PïPsPrC†PIP°PSPSC‡ PïC‡C†PrPrC‡ PSPµ C‡PµPePsPjPµPSPrPsPIP°PSPs, P·P°
PIPëPSC‡C,PePsPj PIPëPïP°PrPeC-PI, PePsP»Pë, PSP° PrC†PjPeC† P»C-PeP°C‡C‡,
PePsC‡PëC†C,CH PIC-Pr PïC‡PëPNëPsPjC† PïC‡PµPïP°C‡P°C,C† PïPµC‡PµPIPëC°C†C”
PjPsP¶P»PëPIPëPNë C‡PëP·PëPe.

P‡PµC‡C,PëP»CHPSC-C†C,CH

PŸC,P°PSPsPj PSP° C†CHPsPiPsPrPSC- PSPµ P±C†P»Ps PIPëC‡PIP»PµPSPs PIPïP»PëPIC† PSP°
C„PµC‡C,PëP»CHPSC-C†C,CH P»C‡PrPëPSPë.

***P—PrP°C,PSC-C†C,CH PIPïP»PëPIP°C,Pë PSP° C€PIPëPrPeC-C†C,CH C‡PµP°PeC†C-C—
PïC‡Pë PePµC‡C‡PIP°PSPSC- P°PIC,PsC,C‡P°PSC†PïPsC‡C,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.***

РљР»С-РSC-РeРs-С,,Р°СґРјР°Р°РeРsР»РsРiС-С±РSC- РrРsСГР»С-РrР¶РµРµРSPSCИ
СГРiС-РrС±Р°С,Сґ РiСґРs РiС-РrСГРrС,РSC-СГС,Сґ РiРiР»РёРiСГ СГРµСґС,СґР°Р»С-РSCГ
РSP° РiСГРёС...РsРјРsС,РsСґРSC- С,,СГРSPeСГС-С—. РґРrРSP°Рe С...РiРsСґРёРј СГР»С-Рr
РrРsС,СґРёРјСГРiР°Р°С,РёСГГС РsР±РµСґРµР¶РµРµРSPsСГС,С-, РsСГРeС-Р»СґРeРё Р°Р°СГС-Р±
РјРsР¶Рµ РiРsСґСГСeСГРiР°С,Рё РiСГРёС...С-С±РSC- Р°Р±Рs С,,С-Р·РёС±РSC-
СґРµРµР°СГС-С—, РSPµРsР±С...С-РrРSC- РrР»СГ РiРёРeРsРSP°РSPSCИ
РiРsС,РµРSCГС-РN°РSPs РSPµР±РµР·РiРµС±РSPёС... Р°Р°РiРrР°РSCH, С,Р°РeРёС... СГРe
СГРiСґР°РiР»С-РSPSCИ Р°РiС,РsРјРsР±С-Р»РµРј Р°Р±Рs СґРsР±РsС,Р° Р·С-РSCeРёРјРё
РјРµС...Р°РSC-Р·РјР°РјРё.

РҰРiРsСГС-Р± Р°Р°СГС,РsСГСeРiР°РSPSCИ С,Р° РrРsР·Рё.

РҰРµСґС,СґР°Р»С»С-РS РiСґРёРN°РјР°С,Рё 1 СґР°Р· РSP° РrРsР±СГ (РiСґР°РSCГС- Р°Р±Рs
РiРiРµС±РµСґС-).

РҰР°Р±Р»РµС,РeРё СГРµСґС,СґР°Р»С»С-РSCГ РјРsР¶РµРSP° РiСґРёРN°РјР°С,Рё
РSPµР·Р°Р»РµР¶РµРSPs РiС-Рr РiР¶РёРiР°РSPSCИ С—Р¶С-.

РµРsС±Р°С,РsРe Р»С-РeСeРiР°РSPSCИ

Р"РµРiСґРµСГС-СГ С,Р° РґРµР

Р·С-РeСГРiР°РSPSCИ СГРµСґС,СґР°Р»С»С-РSPsРј СГР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё Р· РrРsР·Рё
50 РјРi/РrРsР±СГ.

*РµР°РSC-С±РSC- СґРsР·Р»Р°РР, РµРҰРҰР С,Р° СГРsСГС-Р°Р»СґРSPёN°
С,СґРёРiРsР¶РёРSPёN° СґРsР·Р»Р°РР*

Р·С-РeСГРiР°РSPSCИ СГР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё Р· РrРsР·Рё 25 РјРi/РrРsР±СГ.
Р§РµРµРµРµ РrРµРµРµ РrРsР·СГ СГР»С-Рr РiС-РrРiРёС°РёС,Рё РrРs 50 РјРi 1 СґР°Р·
РSP° РrРsР±СГ. Р'СГР»Рs РiРsРeР°Р°Р°РSPs, С°Рs С,Р°РeРёРN° СґРµР¶Рё
РrРsР·СГРiР°РSPSCИ Р·РSPёР¶СГ С±Р°СГС,РsС,СГ СґРsР·РiРёС,РeСГ РSP°
РiРsС±Р°С,РeРsРiРsРјСГ РµС,Р°РiС- Р»С-РeСГРiР°РSPSCИ РiРsР±С-С±РSPёС... РµС,,РµРeС,С-Рi,
С...Р°СґР°РeС,РµСґРSPёС... РrР»СГ РiР°РSC-С±РSPёС... СґРsР·Р»Р°РР.

РҰРёС,СґСeРiР°РSPSCИ РrРsР·Рё

*Р"РµРiСґРµСГС-СГ, РґРµР, РiР°РSC-С±РSC- СґРsР·Р»Р°РР, СГРsСГС-Р°Р»СґРSPёN°
С,СґРёРiРsР¶РёРSPёN° СґРsР·Р»Р°РР С,Р° РµРҰРҰР*

Рј РiР°СГС-С"РSC,С-Рi, СГРeС- РSPµ РiС-РrРiРsРiС-РrР°С,Сґ РSP° РrРsР·СГ 50 РјРi,
РµС,,РµРeС, РјРsР¶Рµ Р±СГС,Рё РrРsСГСГiРiРSCГС,РёN° РiСґРё РiС-РrРiРёС°РµРµРSPSC-
РrРsР·Рё. РљРsСґРµРeСГС-Сґ РrРsР·Рё СГР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё РSPµ
СґР°РSC-СeРµ, РSC-Р¶ С±РµСґРµРµРµ Р 1 С,РёР¶РµРµРµ Р»С-РeСГРiР°РSPSCИ,
Р·С-Р»СeСГСeС±Рё С—С— РiРsСГС,СГРiРsРiРs РiРs 50 РјРi Р· РiСґРsРјС-Р¶РeР°РјРё
С,СґРёРiР»С»С-СГС,Сґ РiСґРёРSP°РN°РјРSC- Рi РsРrРёРs С,РёР¶РµРµРµРµРµ.
РґР°РeСГРёРјР»Р»С»СґРSP° РrРsР·Р° РSPµ РјР°С" РiРµСґРµРiРiРёС°СГРiР°С,Рё
200 РјРi/РrРsР±СГ. РљРsСґРµРeСГС-Сґ РrРsР·Рё СГР»С-Рr РiСґРsРiРsРrРёС,Рё РSPµ
С±Р°СГС,С-СeРµ, РSC-Р¶ 1 СґР°Р· РSP° С,РёР¶РµРµРµРµРµ, Р·РiР°Р¶Р°РeСґРё РSP°
РiРµСґС-РsРr РSP°РiС-РiРiРёРiРµРµРµРµРSPSCИ СГРµСґС,СґР°Р»С»С-РSCГ, С°Рs
СГС,Р°РSPsРiРёС,Сґ 24 РiРsРrРёРSPё.

P₄C₇H₆PSP_μPsP±C...C-PrPSPsCf'C,C-, Cr PIPëPïP°PrPeCr PIC-PrCf'CrC,PSPsCf'C,C-P±P°P¶P°PSPsPiPs PuC,,PuPeC,Cr PSP° C,P»C- PiC₇H₆PN_εPsPjCr PiC₇H₆PiP°C₇H₆P°C,Cr Cr PrPsP·C-

50 PjPi/PrPsP±Cr, PjPsP¶P»PëPIP_μ C—C— PïPsPrP°P»CHC€P_μ PiC-PrPIPëC%_{oo}P_μPSPSCΠ P·C-P·P±C-P»CHC€P_μPSPSCΠPj PrPsP·Pë PSP° 50 PjPi PSP° PrPsP±Cr P·P° 1 C₇H₆P°· PiC₇H₆PsC,ClPiPsPj PeC-P»CHPePsC... C,PëP¶PSC-PI. PhP°PeCf'PëPjP°P»CHBPSP° PrPsP·P° Cf'C,P°PSPsPIPëC,CH PrPs 200 PjPi/PrPsP±Cr.

PhPrPSP°Pe, PiCTjPe PiC-PrPIPëC%oPµPSPSC- PrPsP·Pë PiPsPSP°Pr 50 PjPi Cr
PiPµPrC-P°C,CTjC-C— CÍP»C-Pr PICtjP°C...PsPICrPIP°C,Pë P·P°PiP°P»PsPj PSPëP¶C±Cr PjP°CÍCr
C,C-P»P° PrC-C,PµPNë PiPsCTjC-PIPSCLIPSPs P· PrPsCTjPsCÍP»PëPjPë. PkPµ CÍP»C-Pr
P·PjC-PSCHPIP°C,Pë PrPsP·Cr C±P°CÍC,C-CëPµ, PSC-P¶ 1 CTjP°P· PSP° C,PëP¶PrPµPSCH.

P·C,,PµPeC,PëPIPSCLÍC,CH PiCTjPµPiP°CTjP°C,Cr Cr PrC-C,PµPNë P· PIPµP»PëPePëPj
PrPµPiCTjPµCÍPëPIPSPëPj CTjPsP·P»P°PrPsPj PiCTjPsPrPµPjPsPSCÍC,CTjPsPIP°PSP° PSPµ
P±CrP»P°.

P°P°PSC- C%oPsPrPs P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPµPiP°CTjP°C,Cr PrC-C,C¶Pj PrPs 6
CTjPsPeC-PI PIC-PrCÍCrC,PSC- (PrPëPI. B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍC¿PIP°PSPSC¶ PiP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeC¿

PµP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCr PiCTjPµPiP°CTjP°C, CÍP»C-Pr
P·P°CÍC,PsCÍPsPICrPIP°C,Pë P· PsP±PµCTjPµP¶PSC-CÍC,CH, PsCÍPeC-P»CHPePë C†C-
PiP°C†C-C°PSC,Pë PjPsP¶CÍC,CH PjP°C,Pë PiC-PrPIPëC%oPµPSPëPNë CTjPëP·PëPe
CTjPsP·PIPëC,PeCr PiC-PiPsPSP°C,CTjC-C°PjC-C— (PrPëPI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍC¿PIP°PSPSC¶ PiCTjPë PiPµC±C-PSPePsPIC-PNë PSPµPrPsCÍC,P°C,PSPsCÍC,C-

PŸP»C-Pr P±CrC,Pë PsP±PµCTjPµP¶PSPëPjPë PiCTjPë P·P°CÍC,PsCÍCrPIP°PSPSC-
CÍPµCTjC,CTjP°P»C-PSCr C...PIPsCTjPëPj P· PiP°C,PsP»PsPiC-C°CH PiPµC±C-PSPePë. PµCTjPë
PiPsCTjCrCëPµPSPSC¶C... C,,CrPSPeC†C-C— PiPµC±C-PSPePë PSPµPsP±C...C-PrPSPs
P·PjPµPSCëPëC,Pë PrPsP·Cr P°P±Ps C±P°CÍC,PsC,Cr PiCTjPëPNëPsPjCr PiCTjPµPiP°CTjP°C,Cr.
PŸPµCTjC,CTjP°P»C-PS PSPµ CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PiP°C†C-C°PSC,P°Pj C-P·
C,C¶P¶PePsCH PiPµC±C-PSPePsPIPsCH PSPµPrPsCÍC,P°C,PSC-CÍC,CH, PsCÍPeC-P»CHPePë
PeP»C-PSC-C±PSC- PrP°PSC- C%oPsPrPs P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPµPiP°CTjP°C,Cr
C,P°PePëPj C...PIPsCTjPëPj PIC-PrCÍCrC,PSC- (PrPëPI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍC¿PIP°PSPSC¶ PiCTjPë PSPëCTjPePsPIC-PNë PSPµPrPsCÍC,P°C,PSPsCÍC,C-

PµCTjPë PiPsCTjCrCëPµPSPSC¶C... C,,CrPSPeC†C-C— PSPëCTjPsPe PePsCTjPëPiCrPIP°PSPSC¶
PrPsP·Pë PiCTjPµPiP°CTjP°C,Cr PSPµ PiPsC,CTjC-P±PSPµ (PrPëPI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

PŸPëPjPiC,PsPjPë PIC-PrPjC-PSPe, C¶PeC- CÍPiPsCÍC,PµCTjC-PiP°CHC,CHCÍC¶ PiCTjPë
PiCTjPëPiPëPSPµPSPSC- C,PµCTjP°PiC-C— CÍPµCTjC,CTjP°P»C-PSPsPj

PŸP»C-Pr CrPSPëPeP°C,Pë CTjP°PiC,PsPIPsPiPs PiCTjPëPiPëPSPµPSPSC¶
P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPµPiP°CTjP°C,Cr. PµCTjPë PiCTjPëPiPëPSPµPSPSC-
P»C-PeCrPIP°PSPSC¶ CÍPµCTjC,CTjP°P»C-PSPsPj, C%oPsP± P·PjPµPSCëPëC,Pë CTjPëP·PëPe
CTjPsP·PIPëC,PeCr CTjPµP°PeC†C-PNë CÍPëPSPrCTjPsPjCr PIC-PrPjC-PSPe, PrPsP·Cr CÍP»C-Pr
PiPsCÍC,CrPiPsPIPs P·PjPµPSCëCÍPIP°C,Pë C%oPsPSP°PNëPjPµPSCëPµ PiCTjPsC,C¶PiPsPj 1-2
C,PëP¶PSC-PI (PrPëPI. CTjPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCrPIP°PSPSC¶B» C- B«PµPsP±C-C±PSC- CTjPµP°PeC†C-C—B»). PiPeC%oPs
PiC-CÍP»C¶ P·PjPµPSCëPµPSPSC¶ PrPsP·Pë PiCTjPµPiP°CTjP°C,Cr P°P±Ps
PiCTjPëPiPëPSPµPSPSC¶ PNëPsPiPs P·P°CÍC,PsCÍCrPIP°PSPSC¶ P·B¶™ C¶IP»C¶CHC,CHCÍC¶
PSPµCÍC,PµCTjPiPSC- CÍPëPjPiC,PsPjPë, PjPsP¶Pµ P±CrC,Pë CTjPsP·PiP»C¶PSCrC,Pµ
PIC-PrPSPsPIP»PµPSPSC¶ P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPµPiP°CTjP°C,Cr Cr CTjP°PSC-CëPµ

PiC7PëP·PSP°C±PµPSC-PNë PrPsP·C-. PJ PiPsPrP°P»CHC€PsPjCf P»C-PeP°C7 PjPsP¶Pµ
PiC7PsPrPsPIP¶CfPIP°C,Pë P·PjPµPSC€CfPIP°C,Pë PrPsP·Cf, P°P»Pµ P±C-P»CHC€
PiPsCfC,CfPiPsPIPs.

P''C-C,Pë.

PŸPµC7C,C7P°P»C-PS PSPµ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë PrP»C¶
P»C-PeCfPIP°PSPSC¶ PrC-C,PµPNë, PeC7C-Pj PrC-C,PµPNë P· PsP±CfPµCfPëPIPSPs-
PePsPjPiCfP»CHCfPëPIPSPëPjPë C7PsP·P»P°PrP°PjPë PIC-Pr 6 C7PsPeC-PI (PrPëPI.
C7PsP·PrC-P» B«PŸPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSC¶ C,P° PrPsP·PëB»).

PµPµC7PµPrPsP·C2PIP°PSPSC¶.

PŸPsPeCfPëC±PSC-CfC,CH

PŸPµC7C,C7P°P»C-PS PjP°C'' PrC-P°PiP°P·PsPS P±PµP·PiPµPePë, C%Ps P·P°P»PµP¶PëC,CH
PIC-Pr PiPsPiCfP»C¶C†C-C— PiP°C†C-C''PSC,C-PI C,P°/P°P±Ps CfCfPiCfC,PSCHPsPiPs
P·P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°C7CfCHPePëC... P·P°CfPsP±C-PI.
PµPsPIC-PrPsPjP»C¶P»PsCfC¶ PiC7Ps P»PµC,P°P»CHPSC- PIPëPiP°PrPePë
PiPµC7PµPrPsP·CfPIP°PSPSC¶ CfPµC7C,C7P°P»C-PSPsPj C¶Pe PiC7Pë PsPeC7PµPjPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC- (P±PµP· CfCfPiCfC,PSC-C... PiC7PµPiP°C7P°C,C-PI), C,P°Pe C- Cf
PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë P·P°CfPsP±P°PjPë C,P°/P°P±Ps P°P»PePsPiPsP»PµPj.
PJ P·PiB7™ C¶P·PeCf P· C†PëPj, PePsP¶PµPS PIPëPiP°PrPsPe PiPµC7PµPrPsP·CfPIP°PSPSC¶
PiPsC,C7PµP±CfC'' C-PSC,PµPSCfPëPIPSPsC— C,PµC7P°PiC-C—.

PŸPëPjPiC,PsPjPë

PŸPëPjPiC,PsPjPë PiPµC7PµPrPsP·CfPIP°PSPSC¶ PIPeP»CHC±P°CHC,CH PiPsP±C-C±PSC-
PµC,,PµPeC,Pë, PsPiPsCfPµC7PµPrPePsPIP°PSC- CfPµC7PsC,PsPSC-PSPsPj, C,P°PeC- C¶Pe
CfPsPSP»PëPIC-CfC,CH, C€P»CfPSPePsPIPs-PePëC€PePsPIC- PiPsC7CfC€PµPSPSC¶
(PSP°PiC7PëPeP»P°Pr PSCfPrPsC,P° C,P° P±P»CHPIP°PSPSC¶), C,P°C...C-PeP°C7PrC-C¶,
C,C7PµPjPsC7, P·P±CfPrP¶PµPSPSC¶ C- P·P°PiP°PjPsC7PsC±PµPSPSC¶.
PµPsPIC-PrPsPjP»C¶P»PsCfC¶ PiC7Ps C7PsP·PIPëC,PsPe PePsPjPë, PiC7PsC,Pµ PjPµPSC€
C±P°CfC,Ps.

PµC-CfP»C¶ PiPµC7PµPrPsP·CfPIP°PSPSC¶ CfPµC7C,C7P°P»C-PSPsPj
PiPsPIC-PrPsPjP»C¶P»PsCfC¶ PiC7Ps PiPsPrPsPIP¶PµPSPSC¶ C-PSC,PµC7PIP°P»Cf
QTc/C€P»CfPSPsC±PePsPICf C,P°C...C-PeP°C7PrC-CH C,PëPiCf B«PiC-C7CfPµC,B», C,PsPjCf PI
CfCfC-C... PIPëPiP°PrPeP°C... PiPµC7PµPrPsP·CfPIP°PSPSC¶ CfPµC7C,C7P°P»C-PSPsPj
C7PµPePsPjPµPSPPrCfC''C,CHCfC¶ PiC7PsPIPsPrPëC,Pë P·PµP''-PjPsPSC-C,PsC7PëPSPi.

PŸPµC7P°PiC-C¶

PŸPiPµC†PëC,,C-C±PSPëC... P°PSC,PëPrPsC,C-PI CfPµC7C,C7P°P»C-PSCf PSPµ C-CfPSCfC''.
P PµPePsPjPµPSPPrCfC''C,CHCfC¶ P·P°P±PµP·PiPµC±PëC,Pë C-
PiC-PrC,C7PëPjCfPIP°C,Pë PiC7PsC...C-PrPSC-CfC,CH PrPëC...P°P»CHPSPëC...
C€P»C¶C...C-PI C,P° PrPsCfC,P°C,PSC-PNë C7C-PIPµPSCH PsPeCfPëPiPµPSP°C†C-C—
C- PIPµPSC,PëP»C¶C†C-C—, C¶PeC%Ps C†Pµ PSPµPsP±C...C-PrPSPs. PµC7PëPNëPsPj
P°PeC,PëPIPsPIP°PSPsPiPs PICfPiC-P»P»C¶, C%Ps PjPsP¶Pµ
P·P°CfC,PsCfPsPICfPIP°C,PëCfC¶ C7P°P·PsPj C-P· PiC7PsPSPsCfPSPëPj

P·P°CÍPsP±PsPj, PjPsP¶Pµ P±CíC,Pë PSPµ PjPµPSC€ PµC,,PµPeC,PëPIPSPëPj P·P°
 PíCĤPsPjPëPIP°PSPSCİ C€P»CíPSPeP°. P'PëPeP»PëPeP°PSPSCİ P±P»CĤPIP°PSPSCİ
 PSPµ CĤPµPePsPjPµPSPPrPsPIP°PSPµ. P PµPePsPjPµPSPPrPsPIP°PSPëPNë
 PjPsPSC-C,PSCĤPëPSPi CÍPµCĤC†PµPIPsC— PrC-CİP»CĤPSPsCÍC,C-
 (PSP°PíCĤPëPeP»P°Pr P·PµP°), P° C,P°PePsP¶ PsCÍPSPsPIPSPëC... P¶PëC,C,C"PIPëC...
 PíPsPeP°P·PSPëPeC-PI CĤP°P·PsPj C-P· P·P°PíP°P»CĤPSPsCĤ
 CÍPëPjPíC,PSPjP°C,PëC†PSPsCĤ C,P° PíC-PrC,CĤPëPjCíCĤC†PsCĤ C,PµCĤP°PíC-C"CĤ.
 P'CĤP°C...PsPICíCĤC†Pë P·PSP°C†PSPëPNë PsP±BĤ™ C"Pj CĤPsP·PíPsPrC-P»Cí
 CÍPµCĤC,CĤP°P»C-PSCí, C,P°PeC- P·P°C...PsPrPë CİPe C,,PsCĤCÍPsPIP°PSPëPNë
 PrC-CíCĤPµP·, PrC-P°P»C-P·, PíPµPjPsPíPµCĤC,,CíP·C-Cİ P°P±Ps P·P°PjC-PSPSP°
 PíPµPjPsC,CĤP°PSCÍC,,CíP·C-Cİ PSP°PICĤCİPr C†Pë PjPsP¶CíC,CĤ P±CíC,Pë
 PePsCĤPëCÍPSPëPjPë.

PµPsP±C-C†PSC- CĤPµP°PeC†C-C—.

PíP°PNëC†P°CÍC,C-C€Pµ CÍPíPsCÍC,PµCĤC-PíP°C"C,CĤCÍCİ C,P°PePëPNë PíPsP±C-C†PSPëPNë
 PµC,,PµPeC, CİPe PSCíPrPsC,P°. PµCĤPë P»C-PeCíPIP°PSPSC- CÍPsC†C-P°P»CĤPSPsPíPs
 C,CĤPëPIPsP¶PSPsPíPs CĤPsP·P»P°PrCí CÍPµCĤC,CĤP°P»C-PSPsPj Cí 14 % C†PsP»PsPIC-PeC-PI
 PIC-PrP·PSP°C†P°P»P°CÍCİ CÍC,P°C,PµPIP° PrPëCÍC,,CíPSPeC†C-Cİ (PíPsCĤCíC€PµPSPSCİ
 PµCİPeCíP»CİC†C-C—) PíPsCĤC-PIPSCİPSPs P· 0 % PíP°C†C-C"PSC,C-PI, CİPeC-
 PsC,CĤPëPjCíPIP°P»Pë PíP»P°C†PµP±Ps. PíC- PíPsP±C-C†PSC- PµC,,PµPeC,Pë C"
 PrPsP·PsP·P°P»PµP¶PSPëPjPë C- PíPsPSPë C†P°CÍC,PSCÍP°PjPsCÍC,C-PNëPSPs
 P·PSPëPeP°CĤC,CĤ PíCĤPë PíCĤPsPrPsPIP¶PµPSPSC- C,PµCĤP°PíC-C—.

PµCĤPsC,,C-P»CĤ PíPsP±C-C†PSPëC... PµC,,PµPeC,C-PI, C%Ps C†P°CÍC,PSC
 CÍPíPsCÍC,PµCĤC-PíP°P»PëCÍCİ Cí C...PsPrC- PíCĤPsPIPµPrPµPSPSCİ PíPsPrPIC-PNëPSPëC...
 CÍP»C-PíPëC... PíP»P°C†PµP±Ps-PePsPSC,CĤPsP»CĤPsPIP°PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ P·
 CíC†P°CÍC,CĤ PíP°C†C-C"PSC,C-PI P· PµPµP, PíP°PSC-C†PSPëPjPë CĤPsP·P»P°PrP°PjPë,
 PµPÿPÿP C,P° CÍPsC†C-P°P»CĤPSPëPjPë C,CĤPëPIPsP¶PSPëPjPë CĤPsP·P»P°PrP°PjPë, P±CíPI
 PíPsPrC-P±PSPëPj PrPs C,P°PePsPíPs Cí PíP°C†C-C"PSC,C-PI P· PrPµPíCĤPµCÍC-C"CĤ, CİPeC-
 P±CĤP°P»Pë CíC†P°CÍC,CĤ Cí PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSCİC....

PíPëP¶C†Pµ PSP°PIPµPrPµPSPs PrP°PSC- PíCĤPs PíPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%Ps
 CÍPíPsCÍC,PµCĤC-PíP°P»PëCÍCİ Cí PíPµCĤC-PsPr PíPsCÍC,CĤPµC"CÍC,CĤP°C†C-PNëPSPsPíPs
 PSP°PíP»CİPrCí (C†P°CÍC,PSC,P° C—C... CĤPsP·PIPëC,PeCí PSPµPIC-PrPsPjP°) C- PI C...PsPrC-
 PíCĤPsPIPµPrPµPSPSCİ PíP»P°C†PµP±Ps-PePsPSC,CĤPsP»CĤPsPIP°PSPëC...
 PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ (Cí CİPePëC... Cí C†C-P»PsPjCí PIP·CİP»Pë
 CíC†P°CÍC,CĤ 2542 PíP°C†C-C"PSC,Pë, CİPeC- PsC,CĤPëPjCíPIP°P»Pë CÍPµCĤC,CĤP°P»C-PS,
 C- 2145 PíP°C†C-C"PSC,C-PI, CİPeC- PsC,CĤPëPjCíPIP°P»Pë PíP»P°C†PµP±Ps) P· CíC†P°CÍC,CĤ
 C...PIPsCĤPëC... P· PrPµPíCĤPµCÍC-C"CĤ, PµPµP, PíP°PSC-C†PSPëPjPë CĤPsP·P»P°PrP°PjPë,
 PµPÿPÿP C,P° CÍPsC†C-P°P»CĤPSPëPjPë C,CĤPëPIPsP¶PSPëPjPë CĤPsP·P»P°PrP°PjPë.

P"PµCİPeC- P· PSPëP¶C†Pµ PSP°PIPµPrPµPSPëC... PíPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë
 PjPsP¶CíC,CĤ P·PjPµPSC€CíPIP°C,PëCÍCİ P·P° C-PSC,PµPSCÍPëPIPS- CÍC,CĤ C,P°
 C†P°CÍC,PSC,PSCĤ P·P° CíPjPsPIPë C,CĤPëPIP°P»PsPíPs P»C-PeCíPIP°PSPSCİ C,P° PSPµ
 PíCĤPëP·PIPsPrCİC,CĤ PrPs PíCĤPëPíPëPSPµPSPSCİ C,PµCĤP°PíC-C—.

PíPëP¶C†Pµ PSP°PIPµPrPµPSP° C†P°CÍC,PSC,P° CĤPsP·PIPëC,PeCí PíPsP±C-C†PSPëC...
 CĤPµP°PeC†C-PNë, C%Ps CÍPíPsCÍC,PµCĤC-PíP°P»PëCÍCİ Cí C...PsPrC-

РiСҫPsPIPμPrPμPSPSCЦ PᐢP»P°C†PμP±Ps-PePsPSC,СҫPsP»СҫPsPIP°PSPᐢC...
PeP»C-PSC-C‡PSPᐢC... PrPsCᐢP»C-PrP¶PμPSCҪ Cr PᐢP°C†C-C”PSC,C-PI P·
PrPμPᐢCҫPμCᐢC-C”CҪ, PhPҫP , PᐢP°PSC-C‡PSPᐢPjPᐢ CҫPsP·P»P°PrP°PjPᐢ, PμPᐢPᐢP C,P°
CᐢPsC†C-P°P»CҫPSPᐢPjPᐢ C,СҫPᐢPIPSP¶PSPᐢPjPᐢ CҫPsP·P»P°PrP°PjPᐢ. PќP°PIPμPrPμPSPs
PsP±Bҫ™C”PrPSP°PSC- PrP°PSC- PeP»C-PSC-C‡PSPᐢC... PrPsCᐢP»C-PrP¶PμPSCҪ C-
PᐢC-CᐢP»CЦCҫPμC”CᐢC,СҫP°C†C-PNᐢPSPsPiPs PSP°PiP»CЦPrCᐢ (C‡P°CᐢC,PsC,P°
PSPμPIC-PrPsPjP°).

P§P°CᐢC,PsC,P° PᐢPsP±C-C‡PSPᐢC... CҫPμP°PeC†C-PNᐢ PIC-PrPsP±CҫP°P¶PμPSP° CЦPe:
PrCᐢP¶Pμ C‡P°CᐢC,Ps (≥ 1/10); C‡P°CᐢC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10); PSPμC‡P°CᐢC,Ps
(PIC-Pr ≥ 1/1000 PrPs < 1/100); CҫC-PrPePs (PIC-Pr ≥ 1/10 000 PrPs < 1/1000); PrCᐢP¶Pμ
CҫC-PrPePs (< 1/10 000); PSPμPIC-PrPsPjPs (C‡P°CᐢC,PsC,Cᐢ PSPμ PjPsP¶PSP°
PICᐢC,P°PSPsPIPᐢC,Pᐢ P·P° PSP°CЦPIPSPᐢPjPᐢ PrP°PSPᐢPjPᐢ).

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—. P§P°CᐢC,Ps: C,,P°CҫPᐢPSPiC-C,,; PSPμC‡P°CᐢC,Ps:
C-PSC,,PμPeC†C-C— PIPμCҫC...PSC-C... PrPᐢC...P°P»CҫPSPᐢC... CᐢP»CЦC...C-PI, CҫPᐢPSC-C,,;
CҫC-PrPePs: PrPᐢPIPμCҫC,PᐢPeCᐢP»C-C,, PᐢP°CᐢC,СҫPsPμPSC,PμCҫPᐢC,, CᐢPμCҫPμPrPSC-PNᐢ
PsC,PᐢC,,.

PμCᐢC...P»PᐢPSPᐢ PrPsP±CҫPsCЦPeC-CᐢPSC- C,P° P·P»PsCЦPeC-CᐢPSC- (Cᐢ C,PsPjCᐢ
C‡PᐢCᐢP»C- PeC-CᐢC,Pᐢ C,P° PᐢPsP»C-PᐢPᐢ). P C-PrPePs: PSPsPIPsCᐢC,PIPsCҫPμPSPSCЦ
(PᐢPsPIC-PrPsPjP»CЦP»PsCᐢCЦ PᐢCҫPs PsPrPᐢPS PIPᐢPᐢP°PrPsPe PSPsPIPsCᐢC,PIPsCҫPμPSPSCЦ
PI PsPrPSPsPiPs PᐢP°C†C-C”PSC,P°, CЦPePᐢPNᐢ PsC,СҫPᐢPjCᐢPIP°PI CᐢPμCҫC,СҫP°P»C-PS,
PᐢPsCҫC-PIPsCЦPSPs P· PIC-PrCᐢCᐢC,PSC-CᐢC,CҪ C,P°PePᐢC... PIPᐢPᐢP°PrPeC-PI Cr
PᐢCҫCᐢPᐢC- PᐢP°C†C-C”PSC,C-PI, CЦPeC- PsC,СҫPᐢPjCᐢPIP°P»Pᐢ PᐢP»P°C†PμP±Ps).

P— P±PsPeCᐢ CᐢPᐢCᐢC,PμPjPᐢ PeCҫPsPIC- C,P° P»C-PjC,,P°C,PᐢC‡PSPsC— CᐢPᐢCᐢC,PμPjPᐢ.
P C-PrPePs: P»C-PjC,,P°PrPμPSPsPᐢP°C,C-CЦ; PSPμPIC-PrPsPjPs:
P»PμPNᐢPePsPᐢPμPSC-CЦ, C,СҫPsPjP±PsC†PᐢC,PsPᐢPμPSC-CЦ.

P— P±PsPeCᐢ C-PjCᐢPSPSPsC— CᐢPᐢCᐢC,PμPjPᐢ. PќPμC‡P°CᐢC,Ps: PᐢC-PrPIPᐢC%PμPSP°
C‡CᐢC,P»PᐢPIC-CᐢC,CҪ; CҫC-PrPePs: P°PSP°C,,C-P»P°PeC,PsC—PrPSP° CҫPμP°PeC†C-CЦ;
PSPμPIC-PrPsPjPs: P°P»PμCҫPiC-CЦ.

P— P±PsPeCᐢ PμPSPPrPsPeCҫPᐢPSPSPsC— CᐢPᐢCᐢC,PμPjPᐢ. PќPμC‡P°CᐢC,Ps:
PiC-PᐢPsC,PᐢCҫPμPsP·; PSPμPIC-PrPsPjPs: PiC-PᐢPμCҫPᐢCҫPsP»P°PeC,PᐢPSPμPjC-CЦ,
CᐢPᐢPSPPrCҫPsPj PSPμP°PrPμPePIP°C,PSPsC— CᐢPμPeCҫPμC†C-C—
P°PSC,PᐢPrC-CᐢCҫPμC,PᐢC‡PSPsPiPs PiPsCҫPjPsPSCᐢ.

PҫPμC,P°P±PsP»C-C‡PSC- C,P° P°P»C-PjPμPSC,P°CҫPSC- CҫPsP·P»P°PrPᐢ. P§P°CᐢC,Ps:
P·PSPᐢP¶PμPSPSCЦ P°PᐢPμC,PᐢC,Cᐢ, PᐢPsCᐢPᐢP»PμPSPSCЦ P°PᐢPμC,PᐢC,Cᐢ*;
CҫC-PrPePs: C†CᐢPeCҫPsPIPᐢPNᐢ PrC-P°P±PμC,,
PiC-PᐢPμCҫC...PsP»PμCᐢC,PμCҫPᐢPSPμPjC-CЦ, PiC-PᐢPsPiP»C-PePμPjC-CЦ;
PSPμPIC-PrPsPjPs: PiC-PᐢPsPSP°C,СҫC-C”PjC-CЦ, PiC-PᐢPμCҫPiP»C-PePμPjC-CЦ.

PμCᐢPᐢC...C-C‡PSC- PᐢPsCҫCᐢCᐢPμPSPSCЦ. P”CᐢP¶Pμ C‡P°CᐢC,Ps: P±PμP·CᐢPsPSPSCЦ (19 %);
C‡P°CᐢC,Ps: PrPμPᐢCҫPμCᐢC-CЦ*, PrPμPᐢPμCҫCᐢPsPSP°P»C-P·P°C†C-CЦ, PSC-C‡PSC-
P¶P°C...Pᐢ, PIC-PrC‡CᐢC,C,CЦ C,СҫPᐢPIPSP¶PSPsCᐢC,C-*, P·P±CᐢPrP¶PμPSPSCЦ*,
PSPμCҫPIPsP·PSC-CᐢC,CҪ, P·PSPᐢP¶PμPSPSCЦ P»C-P±C-PrPs*, P±CҫCᐢPeCᐢPᐢPj;
PSPμC‡P°CᐢC,Ps: PᐢP°P»CҪC†PᐢPSP°C†C-C—*, P°PiCҫPμCᐢC-CЦ*, PμPNᐢC,,PsCҫPᐢC‡PSPᐢPNᐢ
PSP°CᐢC,СҫC-PNᐢ*, P°PᐢP°C,C-CЦ, PᐢP°C,PsP»PsPiC-C‡PSPμ PjPᐢCᐢP»PμPSPSCЦ; CҫC-PrPePs:
PePsPSPiPμCҫCᐢC-PNᐢPSPᐢPNᐢ CҫPsP·P»P°Pr, P·P°P»PμP¶PSC-CᐢC,CҪ PIC-Pr P»C-PeC-PI,

PiCfPec...PsC,PeC#PSPePN₂ C₇H₅PsP·P»P°Pr*, PiP°C₇H₅P°PSPsPN₂Cl₂, CfCfC—C†PëPrP°P»CH₃PSPμ
 PjPëCfP»PμPSPSCl₂/CfCfC—C†PëPrP°P»CH₃PSP° PiPsPiPμPrC—PSPeP° (P»PëC€Pμ PrP»Cl₂
 PiP°C†C—C”PSC,C—PI P· PhP₂P , PiC₇H₅Pë PePsC₇H₅PsC,PePsC#P°CfPSPsPjCf
 P·P°CfC,PsCfCfPiP°PSPSC— PiC₇H₅PμPiP°C₇H₅P°C,Cf, Cf PrPsCfP»C—PrP¶PμPSPSCl₂C...
 C,C₇H₅PëPiP°P»C—CfC,C₇H₅ 1-12 C,PëP¶PSC—PI: P±CfP»Pë P·P°C₇H₅PμC”CfC,C₇H₅PsPiP°PSC—
 PiPëPiP°PrPePë PSP°Cl₂PIPSsCfC,C— CfCfC—C†PëPrP°P»CH₃PSPëC... PrCfPjPsPe C—
 CfCfC—C†PëPrP°P»CH₃PSPsC— PiPsPiPμPrC—PSPePë PiC—Pr C#P°Cf C,PμC₇H₅P°PiC—C—
 CfPμC₇H₅C,C₇H₅P°P»C—PSPsPj P°P±Ps PSPμPiPrPsPiP·C— PiC—CfP»Cl₂ PiC₇H₅PëPiPëPSPμPSPSCl₂
 C,PμC₇H₅P°PiC—C— (PrPëPI. C₇H₅PsP·PrC—P» B«PhCfPsP±P»PëPiPsCfC,C—
 P·P°CfC,PsCfCfPiP°PSPSCl₂B»)), CfPsPjPSP°PjP±CfP»C—P·Pj, PiPμC₇H₅PμPrC#P°CfPSP°
 PμCl₂PeCfP»Cl₂C†C—Cl₂; PSPμPIC—PrPsPjPs: PiP°C₇H₅PsPSC—C₇H₅C—Cl₂.

P— P±PsPeCž PSPμC₇H₅PIPsPiPsC— CfPëCfC,PμPjPë. P”CfP¶Pμ C#P°CfC,Ps:
P·P°PiP°PjPsC₇H₅PsC#PμPSPSCl₂ (11 %), CfPsPSP»PëPIC—CfC,C₇H₅ (13 %), PiPsP»PsPiPSPëPN₂
P±C—P»CH₃ (21 %); C#P°CfC,Ps: PiP°C₇H₅PμCfC,PμP·C—C—*, C,C₇H₅PμPjPsC₇,*
PiC—PiPμC₇H₅C,PsPSCfCf, PrPëCfPiPμPiP·C—Cl₂, PiPsC₇H₅CfC€PμPSPSCl₂ CfPiP°PiPë;
PSPμC#P°CfC,Ps: CfCfPrPsPjPë, PjPëPjPsPIC—P»CH₃PSC— Pj₂HTM Cl₂P·PsPIC—*
CfPePsC₇H₅PsC#PμPSPSCl₂, PiPsC₇H₅CfC€PμPSPSCl₂ PePsPsC₇H₅PrPëPSP°C†C—C— C₇H₅CfC...C—PI,*
PiC—PiPμC₇H₅PeC—PSPμP·C—Cl₂, P°PjPSPμP·C—Cl₂, PiC—PiPμCfC,PμP·C—Cl₂, PiPsC₇H₅CfC€PμPSPSCl₂*
PjPsPiP»PμPSPSCl₂, PiPsCfC,CfC₇H₅P°P»CH₃PSPμ P·P°PiP°PjPsC₇H₅PsC#PμPSPSCl₂,
CfPëPSPePsPiPμ, PjC—PiC₇H₅PμPSC₇H₅; C₇H₅C—PrPePs: PePsPjP°*, C...PsC₇H₅PμPsP°C,PμC,PsP·,*
PrPëCfPeC—PSPμP·C—Cl₂, PiC—PiPμC₇H₅PμCfC,PμP·C—Cl₂, CfPμPSCfPsC₇H₅PSC—
PiPsC₇H₅CfC€PμPSPSCl₂; PSPμPIC—PrPsPjPs: C₇H₅CfC...PsPIC— C₇H₅PsP·P»P°PrPë
(PiPeP»C₇H₅C#P°C₇H₅C#Pë PμPeCfC,C₇H₅P°PiC—C₇H₅P°PjC—PrPSC— CfPëPjPiC,PsPjPë, C,P°PeC— Cl₂Pe
PiC—PiPμC₇H₅PeC—PSPμP·C—Cl₂, PiC—PiPμC₇H₅C,PsPSCfCf, PrPëCfC,PsPSC—Cl₂, CfPiP°P·PjPë
C°%PμP»PμPiPë P°P±Ps PiPsC₇H₅CfC€PμPSPSCl₂ C...PsPrPë). PžP°PePsP¶ P±CfP»Pë
P·P°C₇H₅PμC”CfC,C₇H₅PsPiP°PSC— PsP·PSP°PePë C— CfPëPjPiC,PsPjPë
CfPμC₇H₅PsC,PsPSC—PSPsPiPsPiPs CfPëPSPrC₇H₅PsPjCf C#Pë P·P»PsCl₂PeC—CfPSPsPiPs
PSPμPN₂C₇H₅PsP»PμPiC,PeC#PSPsPiPs CfPëPSPrC₇H₅PsPjCf, Cf PrPμCl₂PePëC... PiPëPiP°PrPeP°C...
PiPsPi₂HTM Cl₂P·P°PSPëC... C—P· CfCfPiCfC,PSC—Pj PiC₇H₅PëPN₂PsPjPsPj
CfPμC₇H₅PsC,PsPSC—PSPμC₇H₅PiC—C#PSPëC... P·P°CfPsP±C—PI, Cf C,PsPjCf C#PëCfP»C—
P·P±CfPrP¶PμPSPSCl₂, CfPiP»CfC,P°PSC—CfC,C₇H₅ CfPIC—PrPsPjPsCfC,C—, PiPsCfPëP»PμPSPμ
PiPsC,PsPiPëPrC—P»PμPSPSCl₂, PrC—P°C₇H₅PμCl₂, PiC—PrPiPëC°%PμPSPSCl₂
C,PμPjPiPμC₇H₅P°C,CfC₇H₅Pë C,C—P»P°, P°C₇H₅C,PμC₇H₅C—P°P»CH₃PSP° PiC—PiPμC₇H₅C,PμPSP·C—Cl₂,
C₇H₅PëPiC—PrPSC—CfC,C₇H₅ C,P° C,P°C...C—PeP°C₇H₅PrC—Cl₂. PhPeP°C,PëP·C—Cl₂ C—
PiCfPëC...PsPjPsC,PsC₇H₅PSPμ P·P±CfPrP¶PμPSPSCl₂ (PrPëPI. C₇H₅PsP·PrC—P»
B«PhCfPsP±P»PëPiPsCfC,C— P·P°CfC,PsCfCfPiP°PSPSCl₂B»). PžPiP°P·Pj
C†PμC₇H₅PμP±C₇H₅P°P»CH₃PSPëC... CfCfPrPëPS (Cf C,PsPjCf C#PëCfP»C— CfPëPSPrC₇H₅PsPj
CfPePsC₇H₅PsPjPëPSCfC°%PsC— C†PμC₇H₅PμP±C₇H₅P°P»CH₃PSPsC—
PiP°P·PsPePsPSCfC,C₇H₅PëPeC†C—C— C,P° CfPëPSPrC₇H₅PsPj P₂PsP»P»P°₂HTM“PαP»PμPjC—PSPiP°).

PμPsC₇H₅CžC€PμPSPSCl₂ P· P±PsPeCž PsC₇H₅PiP°PSC—PI P·PsC₇H₅Cž. PžP°CfC,Ps:
PiPsC₇H₅CfC€PμPSPSCl₂ P·PsC₇H₅Cf; PSPμC#P°CfC,Ps: PjC—PrC₇H₅C—P°P°; C₇H₅C—PrPePs:*
PiP»P°CfPePsPjP°, C₇H₅PsP·P»P°PrPë CfP»CH₃PsP·PsPiPëPrC—P»PμPSPSCl₂, CfPePsC,PsPjP°,
PrPëPiP»PsPiC—Cl₂, C,,PsC,PsC,,PsP±C—Cl₂, PiC—C,,PμPjP°; PSPμPIC—PrPsPjPs: C₇H₅PsP·P»P°PrPë
P·PsC₇H₅Cf, P·C—PSPëC†C— C₇H₅C—P·PSPsPiPs C₇H₅PsP·PjC—C₇H₅Cf, PjP°PeCfP»PsPiP°C,C—C—.

PμPsC₇H₅CžC€PμPSPSCl₂ P· P±PsPeCž PsC₇H₅PiP°PSC—PI CfP»CžC...Cž C,P° C₇H₅C—PIPSsPiP°PiPë.
PžP°CfC,Ps: PrP·PIC—PS Cf PICfC...P°C...; PSPμC#P°CfC,Ps: P±C—P»CH₃ Cf PICfCfC—.*

PμPsC₇H₅CžC€PμPSPSCl₂ P· P±PsPeCž CfPμC₇H₅C†Cl₂. PžP°CfC,Ps: PIC—PrC#CfC,C,Cl₂
CfPμC₇H₅C†PμP±PëC,C,Cl₂; PSPμC#P°CfC,Ps: C,P°C...C—PeP°C₇H₅PrC—Cl₂; C₇H₅C—PrPePs:*

C-PSC,,P°CḡPeC, PjC-PsPeP°CḡPrP°, P±CḡP°PrPëPeP°CḡPrC-Cḡ, PīPsCḡCfCēPμPSPSCḡ
CfPμCḡC†PμPIPsC— PrC-CḡP»CHḡPSPsCfC,C-; PSPμPIC-PrPsPjPs: PīPsPrPsPIP¶PμPSPSCḡ
C-PSC,PμCḡPIP°P»Cf QTc, CēP»CfPSPsC†PePsPIP° C,P°C...C-PeP°CḡPrC-Cḡ C,PëPīCf
B«PīC-CḡCfPμC,B».

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá CfCáPrPëPS. P§P°CfC,Ps: PīCḡPëPīP»PëPIPë*;
PSPμC†P°CfC,Ps: P°CḡC,PμCḡC-P°P»CHḡPSP° PīC-PīPμCḡC,PμPSP·C-Cḡ*, PīC-PīPμCḡPμPjC-Cḡ;
CḡC-PrPePs: PīPμCḡPëC,,PμCḡPëC†PSP° C-CēPμPjC-Cḡ, PīPμPjP°C,CfCḡC-Cḡ;
PSPμPIC-PrPsPjPs: PīP°C,PsP»PsPīC-C†PSC- PīPμPjPsCḡP°PīC-C†PSC- CḡPIPëC%P° (C,P°PeC-
CḡPe, CēP»CfPSPePsPIPs-PePëCēPePsPIP° PeCḡPsPIPsC,PμC†P°).

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá CḡPμCfPīC-CḡP°C,PsCḡPSPsC— CfPëCfC,PμPjPë,
PiCḡCáPrPSPsC— PeP»C-C,PePë C,P° CfPμCḡPμPrPsCfC,C-PSPSCḡ. P§P°CfC,Ps:
PīPsP·C-C...P°PSPSCḡ*; PSPμC†P°CfC,Ps: P±CḡPsPSC...PsCfPīP°P·Pj*, PrPëCfPīPSPsPμ,
PSPsCfPsPIP° PeCḡPsPIPsC,PμC†P°; CḡC-PrPePs: P»P°CḡPëPSPiPsCfPīP°P·Pj,
PīC-PīPμCḡPIPμPSC,PëP»CḡC†C-Cḡ, PīC-PīPsPIPμPSC,PëP»CḡC†C-Cḡ, CfC,CḡPëPrPsCḡ,
PrPëCfC,,PsPSC-Cḡ, PīPëPeP°PIPeP°; PSPμPIC-PrPsPjPs: C-PSC,PμCḡCfC,PëC†C-P°P»CHḡPSPμ
P·P°C...PIPsCḡCḡPIP°PSPSCḡ P»PμPīPμPSC-PI.

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá CēP»CáPSPePsPIPs-PePëCēPePsPIPsPiPs C,CḡP°PeC,Cá.
P°CfP¶Pμ C†P°CfC,Ps: PrC-P°CḡPμCḡ (18 %), PSCfPrPsC,P° (24 %), CfCfC...C-CfC,CH Cf
CḡPsC,C- (14 %); C†P°CfC,Ps: P±C-P»CH Cf P¶PëPIPsC,C-, P±P»CḡPIP°PSPSCḡ*, P·P°PīPsCḡ*,*
PrPëCfPīPμPīCfC-Cḡ, PjPμC,PμPsCḡPëP·Pj; PSPμC†P°CfC,Ps: PμP·PsC,,P°PīC-C,,
PrPëCfC,,P°PīC-Cḡ, PīPμPjPsCḡPsPñ, PīC-PīPμCḡCfP°P»C-PIP°C†C-Cḡ, P·PjC-PSPë CḡP·PëPeP°,
PIC-PrCḡPëP¶PeP°; CḡC-PrPePs: PjPμP»PμPSP°, PīPμPjP°C,PsC...PμP·C-Cḡ, CfC,PsPjP°C,PëC,,
PIPëCḡP°P·PePë PSP° CḡP·PëC†C-, PīP°C,PsP»PsPīC— P· P±PsPeCf P·CfP±C-PI, PīP»PsCfPëC,,
PIPëCḡP°P·PePë PSP° CfP»PëP·PsPIC-Pñ PsP±PsP»PsPSC†C- CḡPsC,P°; PSPμPIC-PrPsPjPs:
PīP°PSPeCḡPμP°C,PëC,, PjC-PeCḡPsCfPePsPīC-C†PSPëPñ PePsP»C-C,,

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá PiPμPīP°C,PsP±C-P»C-P°CḡPSPsC— CfPëCfC,PμPjPë.
P C-PrPePs: PīPsCḡCfCēPμPSPSCḡ C,,CfPSPeC†C-C— PīPμC†C-PSPePë; PSPμPIC-PrPsPjPs:B
PīPsCḡCfCēPμPSPSCḡ C,,CfPSPeC†C-C— PīPμC†C-PSPePë C,CḡP¶PePsPiPs CfC,CfPīPμPSCḡ
(PIPeP»CḡC†P°CḡC†Pë PīPμPīP°C,PëC,, P¶PsPIC,CḡPSPeC†Cḡ C,P° PīPμC†C-PSPePsPICf
PSPμPrPsCfC,P°C,PSC-CfC,CH).

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá CēPeC-CḡPë C,P° PīC-PrCēPeC-CḡPSPsC—
PeP»C-C,PePsPIPëPSPë. P§P°CfC,Ps: PIPëCfPëPīP°PSPSCḡ*, PīC-PīPμCḡPīC-PrCḡPsP·;
PSPμC†P°CfC,Ps: PīPμCḡC-PsCḡP±C-C,P°P»CHḡPSPëPñ PSP°P±CḡCḡPe*, PSP°P±CḡCḡPe
PsP±P»PëC†C†Cḡ, PīCfCḡPīCfCḡP°*, P°P»PsPīPμC†C-Cḡ*, C...PsP»PsPrPSPëPñ PīC-C,,
CfCfC...C-CfC,CH CēPeC-CḡPë, PeCḡPsPīPëPībḡ™ CḡPSPeP°*, CfPīPμCḡP±C-P¶; CḡC-PrPePs:
PrPμCḡPjP°C,PëC,, P±CfP»CHḡPsP·PSPëPñ PrPμCḡPjP°C,PëC,, PIPμP·PëPeCfP»CHḡPsP·PSPμ
PIPëCfPëPīP°PSPSCḡ, PīP°C,PsP»PsPīC-C†PSC- P·PjC-PSPë P· P±PsPeCf C,PμPeCfC,CfCḡPë
PIPsP»PsCfCfCḡ, PSPμC,PëPīPsPIPëPñ P·P°PīP°C... CēPeC-CḡPë; PSPμPIC-PrPsPjPs:
P·P°CḡPμC°CfC,CḡPsPIP°PSC- CḡC-PrPeC-CfPSC- PIPëPīP°PrPePë C,CḡP¶PePëC...
PīPsP±C-C†PSPëC... CḡPμP°PeC†C-Pñ P· P±PsPeCf CēPeC-CḡPë, C,P°PePëC... CḡPe
CfPëPSPrCḡPsPj PŸC,C-PIPμPSCfP°bḡ°P°P¶PsPSCfPsPSP° C,P° C,PsPeCfPëC†PSPëPñ
PμPīC-PrPμCḡPjP°P»CHḡPSPëPñ PSPμPeCḡPsP»C-P·, P°PSPiC-PsPSPμPICḡPsC,PëC†PSPëPñ
PSP°P±CḡCḡPe, CḡPμP°PeC†C-C— C,,PsC,PsC†CfC,P»PëPIPsCfC,C-, CēPeC-CḡPSC-
CḡPμP°PeC†C-C—.

PμPsCḡCáCēPμPSPSCḡ P· P±PsPeCá PsPīPsCḡPSPs-CḡCáC...PsPIPsC— CfPëCfC,PμPjPë C,P°
CfPīPsP»CáC†PSPsC— C,PeP°PSPëPSPë. P§P°CfC,Ps: P°CḡC,CḡP°P»PīC-Cḡ,

PjC-P°P»PiC-CI; PSPμC‡P°CfC,Ps: PsCfC,PμPsP°CfC,CfPëC,, PjBf™ CIIP·PsPIP°
CfP»P°P±PeC-CfC,CH, P±C-P»CH Cr CfPiPëPSC-, PiPsCfPjPëPeCrPIP°PSPSCI
PjBf™ CIIP·C-PI; CfC-PrPePs: CrCfP°P¶PμPSPSCI PeC-CfC,PsPe; PSPμPIC-PrPsPjPs:
PjBf™ CIIP·PsPIC- CfPiP°P·PjPë, PiPsCfCfC€PμPSPSCI, PiPsPrC-P±PSPμ PrPs
PrPμC,,C-C‡PëC,Cr PjPSPsP¶PëPSPSPëC... P°C‡PëP»-PμPsPh PrPμPiC-PrCfPsPiPμPSP°P·
(PμPhP"")*.

PμPsCfCzC€PμPSPSCI P· P±PsPeCz PSPëCfPsPe C,P° CfPμC‡PsPIPëPrC-P»CHPSPsC—
CfPëCfC,PμPjPë. PkPμC‡P°CfC,Ps: PSC-PeC,CrCfC-CI, P·P°C,CfPëPjPeP° CfPμC‡C-*,
PiPsP»C-CrCfC-CI, PiPsP»P°PeC-CrCfC-CI, PiPsCfCfC€PμPSPSCI
CfPμC‡PsPIPëPiCfCfPeP°PSPSCI, PSPμC,CfPëPjP°PSPSCI CfPμC‡C-*, CfC-PrPePs:
PsP»C-PiCfCfC-CI, CrC,CfCfPrPSPμPSPëPμ PiPsC‡P°C,PsPe CfPμC‡PsPIPëPiCfCfPeP°PSPSCI.

PμPsCfCzC€PμPSPSCI P· P±PsPeCz CfPμPiCfPsPrCzPeC,PëPIPSPsC— CfPëCfC,PμPjPë C,P°
PjPsP»PSC‡PSPëC... P·P°P»PsP.**. P"CrP¶Pμ C‡P°CfC,Ps: PiPsCfCfC€PμPSPSCI
PμCIIPeCrP»CIIC‡C-C— (14 %); C‡P°CfC,Ps: PμCfPμPeC,PëP»CHPSP°
PrPëCfC,,CrPSPeC‡C-CI; PSPμC‡P°CfC,Ps: PIP°PiC-PSP°P»CHPSP°
PeCfPsPIPsC,PμC‡P°, CfC,P°C,PμPIP° PrPëCfC,,CrPSPeC‡C-CI, CfC,P°C,PμPIP°
PrPëCfC,,CrPSPeC‡C-CI Cr P¶C-PSPsPe, PSPμCfPμPiCfP»CIICfPSPëPμ
PjPμPSCfC,CfCfP°P»CHPSPëPμ C‡PëPeP»; CfC-PrPePs: PjPμPSPsCfP°PiC-CI,
P°C,CfPsC,,C-C‡PSPëPμ PICfP»CHPIPSPiP°PiC-PSC-C,, P±P°P»P°PSPsPiPsCfC,PëC,,
PIPëPrC-P»PμPSPSCI P·C- CfC,P°C,PμPIPëC... PsCfPiP°PSC-PI, PiCfC-P°PiC-P·Pj*,
PiP°P»P°PeC,PsCfPμCI*; PSPμPIC-PrPsPjPs: PiC-PSPμPePsPjP°CfC,C-CI,
PiC-CfP»CIIPiPsP»PsPiPsPIC- PeCfPsPIPsC,PμC‡C-***.

P—P°PiP°P»CHPSC- PiPsCfCzC€PμPSPSCI C,P° CfPμP°PeC‡C-C— Cz PjC-CfC‡C-
PIPIPμPrPμPSPSCI. P"CrP¶Pμ C‡P°CfC,Ps: PiC-PrPIPëC%PμPSP°
PIC,PsPjP»CHPIP°PSC-CfC,CH (10 %)*; C‡P°CfC,Ps: P±C-P»CH Cr PiCfCfPrPSC-Pμ
PeP»C-C,C‡C-*, P·P°PiP°P»CHPSPμ PSPμP·PrCfP¶P°PSPSCI*; PSPμC‡P°CfC,Ps:
PiPμCfPëC,,PμCfPëC‡PSPëPμ PSP°P±CfCIIPe, PsP·PSPsP±, PiC-CfPμPeCfC-CI*,
P°CfC,PμPSC-CI*, CfPiCfP°PiP°; CfC-PrPePs: PiCfPëP¶P°, P·PSPëP¶PμPSPSCI
PiPμCfPμPSPsCfPëPjPsCfC,C- PiCfPμPiP°CfP°C,Cr, PiPsCfCfC€PμPSPSCI C...PsPrPë.

P"PsCfP»C-PrP¶PμPSPSCI. PkPμC‡P°CfC,Ps: PiC-PrPIPëC%PμPSPSCI CfC-PIPSCI
P°P»P°PSC-PSP°PjC-PSPsC,CfP°CfC,,PμCfP°P·Pë*, PiC-PrPIPëC%PμPSPSCI CfC-PIPSCI
P°CfPiP°CfC,P°C,P°PjC-PSPsC,CfP°PSCfC,,PμCfP°P·Pë*, P·PSPëP¶PμPSPSCI PjP°CfPë
C,C-P»P°, P·P±C-P»CHC€PμPSPSCI PjP°CfPë C,C-P»P°*, CfC-PrPePs: PiPsCfCfC€PμPSPSCI
CIIPePsCfC,C- CfPiPμCfPjPë; PiC-PrPIPëC%PμPSPSCI CfC-PIPSCI
C...PsP»PμCfC,PμCfPëPSCr PI PeCfPsPIC-; PSPμPIC-PrPsPjPs: PIC-PrC...PëP»PμPSPSCI PIC-Pr
PSPsCfPjPë CfPμP·CrP»CHC,P°C,C-PI PeP»C-PSC-C‡PSPëC... P»P°P±PsCfP°C,PsCfPSPëC...
P°PSP°P»C-P·C-PI, P·PjC-PSP° C,,CrPSPeC‡C-C— C,CfPsPjP±PsC‡PëC,C-PI.

PyCfP°PIPIPë C,P° PsC,CfCzC"PSPCI. P C-PrPePs: C,CfP°PIPIP°.

PfC-CfCzCfPiC-C‡PSC- PIC,CfCzC‡P°PSPSCI C,P° PjPμPrPëC‡PSC- PiCfPsC‡PμPrCzCfPë.
P C-PrPePs: PIP°P·PsPrPëP»P°C,P°C‡C-CI.

PiPeC%Ps PiPsP±C-C‡PSPμ CIPIPëC%Pμ CfPiPsCfC,PμCfC-PiP°P»PsCfCI Cr
PiP°C‡C-C"PSC,C-PI P· PrPμPiCfPμCfC-C"CH, PhPμP, PiP°PSC-C‡PSPëPj CfPsP·P»P°PrPsPj,
PμPyPYP C- CfPsC‡C-P°P»CHPSPëPj C,CfPëPIPsP¶PSPëPj CfPsP·P»P°PrPsPj,

P·P°CÍ'C,PsCÍ'PsPICí'PIP°PSC- C,PμCḡPjC-PSPë, C%Ps C...P°CḡP°PeC,PμCḡPëP·CfCḡC,CH
PİPsP±C-C±PSC- CıPIPëC%P°, PİPμCḡPμPeP»P°CÍ'PëC,,C-PePsPIP°PSC- P·P°
C,PμCḡPjC-PSP°PjPë, C%Ps P·P°CÍ'C,PsCÍ'PsPICí'PIP°P»PëCÍ'Cı CÍ'C,PsCÍ'PsPIPSPs
PİP°C†C-C"PSC,C-PI P· PrPμPİCḡPμCÍ'C-C"Cḡ.

*B B B B B B B B PİPsP±C-C±PSC- CḡPμP°PeC†C-C—,C%Ps PIPëCıPIP»PμPSP° Cí
PİC-CÍ'P»CıCḡPμC"CÍ'C,CḡP°C†C-PNëPSPëPNë PİPμCḡC-PsPr.

**B B B B B B B B C±P°CÍ'C,PsC,P° C†PëC... PİPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë
PIPëP·PSP°C±P°P»P°CÍ'Cı PrP»Cı PeC-P»CHPePsCÍ'C,C- PİP°C†C-C"PSC,C-PI Cí
PePsPSPeCḡPμC,PSC-PNë PİCḡCíPİC- P·P° CÍ'C,P°C,C,Cḡ: CÍ'PμCḡC,CḡP°P»C-PS (1118
C±PsP»PsPIC-PeC-PI, 1424 P¶C-PSPePë), PİP»P°C†PμP±Ps (926 C±PsP»PsPIC-PeC-PI, 1219
P¶C-PSPsPe).

***C†PμPNë PİCḡPsCıPI P·P°CḡPμC"CÍ'C,CḡPsPIP°PSPëPNë PrP»Cı
C,PμCḡP°PİPμPIC,PëC±PSPsPİPs PeP»P°CÍ'Cí SSRIs/SNRIs (PrPëPI. CḡPsP·PrC-P»Pë
B«PsCÍ'PsP±P»PëPIPsCÍ'C,C- P·P°CÍ'C,PsCÍ'CíPIP°PSPSCıB», B«P·P°CÍ'C,PsCÍ'CíPIP°PSPSCı Cí
PİPμCḡC-PsPr PIP°PİC-C,PSPsCÍ'C,C- C,P° PİPsPrCíPIP°PSPSCı PİCḡCíPrPrCḡB»).

*PŸPëPSPrCḡPsPjPë PIC-PrPjC-PSPë, C%Ps CÍ'PİPsCÍ'C,PμCḡC-PİP°CḡC,CHCÍ'Cı PİCḡPë
PİCḡPëPİPëPSPμPSPSC- C,PμCḡP°PİC-C— CÍ'PμCḡC,CḡP°P»C-PSPsPj*

PμCḡPëPİPëPSPμPSPSCı C,PμCḡP°PİC-C— CÍ'PμCḡC,CḡP°P»C-PSPsPj
(PsCÍ'PsP±P»PëPIPs Cí PIPëPİP°PrPeCí CḡC-P·PePsPİPs PİCḡPëPİPëPSPμPSPSCı
C,PμCḡP°PİC-C—) P·P°P·PIPëC±P°PNë PİCḡPëP·PIPsPrPëC,CH PrPs CḡPsP·PIPëC,PeCí
CÍ'PëPjPİC,PsPjC-PI PIC-PrPjC-PSPë. PkP°PNëC±P°CÍ'C,C-C€Pμ
PİPsPIC-PrPsPjP»CıP»PsCÍ'Cı PİCḡPs C,P°PeC- PİPsP±C-C±PSC- CıPIPëC%P° CıPe
P·P°PİP°PjPsCḡPsC±PμPSPSCı, CÍ'PμPSCÍ'PsCḡPSC- PİPsCḡCíC€PμPSPSCı
(PIPeP»CḡC±P°CḡC±Pë PİP°CḡPμCÍ'C,PμP·C-Cḡ), PİPsCḡCíC€PμPSPSCı CÍ'PSCí
(PIPeP»CḡC±P°CḡC±Pë P±PμP·CÍ'PsPSPSCı C- CıCÍ'PeCḡP°PIC-
CÍ'PSPsPIPëPrC-PSPSCı), P·P±CíPrP¶PμPSPSCı P°P±Ps PIC-PrC±CíC,C,Cı
C,CḡPëPIPsPİPë, PSCíPrPsC,P° C,P°/P°P±Ps P±P»CḡPIP°PSPSCı, C,CḡPμPjPsCḡ C-
PİPsP»PsPIPSPëPNë P±C-P»CH. PİPe PİCḡP°PIPëP»Ps, C†C- PİPsP±C-C±PSC-
CıPIPëC%P° P±CíP»Pë P»PμPİPePsPİPs P°P±Ps PİPsPjC-CḡPSPsPİPs CÍ'C,CíPİPμPSCı
C,P° PjPëPSP°P»Pë CÍ'P°PjPsCÍ'C,C-PNëPSPs; PsPrPSP°Pe Cí PrPμCıPePëC...
PİP°C†C-C"PSC,C-PI PIPsPSPë PjPsP¶CíC,CH P±CíC,Pë C,CıP¶PePëPjPë C,P°/P°P±Ps
C,CḡPëPIP°P»PëPjPë. Pj P·PIBḡ™ CıP·PeCí P· C†PëPj Cí PIPëPİP°PrPeP°C..., PePsP»Pë
P±C-P»CHC€Pμ PSPμPjP°C" PSPμPsP±C...C-PrPSPsCÍ'C,C- Cí C,PμCḡP°PİC-C—
CÍ'PμCḡC,CḡP°P»C-PSPsPj, CḡPμPePsPjPμPSPrCíC"C,CHCÍ'Cı PİPsCÍ'C,CíPİPsPIP°
PIC-PrPjC-PSP° PİCḡPμPİP°CḡP°C,Cí C€P»CıC...PsPj PİPsPμC,P°PİPSPsPİPs
P·PSPëP¶PμPSPSCı PrPsP·Pë (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPİPsCÍ'C-P±
P·P°CÍ'C,PsCÍ'CíPIP°PSPSCı C,P° PrPsP·PëB» C,P° B«PḡCÍ'PsP±P»PëPIPsCÍ'C,C-
P·P°CÍ'C,PsCÍ'CíPIP°PSPSCıB»).

P—P°CÍ'C,PsCÍ'CıPIP°PSPSCı PİP°C†C-C"PSC,P°Pj P»C-C,PSCHPsPİPs PIC-PeCé

P—P°CÍ'C,PsCÍ'CíPIP°PSPSCı CÍ'PμP»PμPeC,PëPIPSPëC... C-PSPİC-P±C-C,PsCḡC-PI
P·PIPsCḡPsC,PSPsPİPs P·P°C...PsPİP»PμPSPSCı CÍ'PμCḡPsC,PsPSC-PSCí (PŸP†P—P—PŸ) P°P±Ps
C-PSPİC-P±C-C,PsCḡP°PjPë P·PIPsCḡPsC,PSPsPİPs P·P°C...PsPİP»PμPSPSCı
PSPsCḡP°PrCḡPμPSP°P»C-PSCí C- CÍ'PμCḡPsC,PsPSC-PSCí (P†P—P—PkPŸ),

PIPeP»CFC±P°CFC±Pë CÍPµCFC,CFCP°P»C-PS, P°CÍPsC±C-CFCPIP°P»PsCÍCÍ P·
 PeP»C-PSC-C±PSPs P·PSP°C±CÍC%PëPjPë PIPëPiP°PrPeP°PjPë PiC-PiPsPSP°C,CFC-C”PjC-C— CÍ
 PiP°C±C-C”PSC,C-PI P»C-C,PSCFCsPiPs PIC-PeCÍ, PI CÍPePëC... PjPsP¶Pµ
 CÍPiPsCÍC,PµCFC-PiP°C,PëCÍCÍ PiC-PrPIPëC%PµPSPëPñ CFCPëP·PëPe CFCsP·PIPëC,PeCÍ
 C±CHFCsPiPs PiPsP±C-C±PSPsPiPs CÍPIPëC%P° (PrPëPI. CFCsP·PrC-P»
 B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

P—P°CÍC,PsCÍC¿PIP°PSPSCÍ PrC-C,CÍPj

Pj PiPsPSP°Pr 600 PrC-C,PµPñ, CÍPeC- PsC,CFCPëPjCÍPIP°P»Pë CÍPµCFC,CFCP°P»C-PS,
 P·P°PiP°P»CHPSPëPñ PiCFCsC,,C-P»CH PiPsP±C-C±PSPëC... CFCPµP°PeC±C-Pñ P±CÍPI CÍ
 C±C-P»PsPjCÍ PiPsPrC-P±PSPëPñ PrPs C,P°PePsPiPs, C%Ps CÍPiPsCÍC,PµCFC-PiP°PICÍCÍ CÍ
 PrPsCÍP»C-PrP¶PµPSPSCÍC... P· CÍC±P°CÍC,CFC PrPsCFCsCÍP»PëC... PiP°C±C-C”PSC,C-PI. Pj
 C...PsPrC- PeP»C-PSC-C±PSPëC... PePsPSC,CFCsP»CHPsPIP°PSPëC... PrPsCÍP»C-PrP¶PµPSCFC
 P±CÍP»Pë P·P°CFCPµC”CÍC,CFCsPIP°PSC- PSP°CÍC,CÍPiPSC- PiPsP±C-C±PSC- CFCPµP°PeC±C-C—
 (PeC-P»CHPeC-CÍC,CH PiP°C±C-C”PSC,C-PI, CÍPeC- PiCFCPëPñPjP°P»Pë
 CÍPµCFC,CFCP°P»C-PS, CÍC,P°PSPsPIPëP°P° 281):

PrCÍP¶Pµ C±P°CÍC,Ps (≥1/10): PiPsP»PsPIPSPëPñ P±C-P»CH (22 %), P±PµP·CÍPsPSPSCÍ (21
 %), PrC-P°CFCPµCÍ (11 %) C- PSCÍPrPsC,P° (15 %). PFCP°CÍC,Ps: (PIC-Pr ≥1/100 PrPs <1/10):
 P±C-P»CH CÍ PiCFCÍPrPSC-Pñ PeP»C-C,C±C-, PjP°PSC-CÍ, PiC-CFCPµPeCÍC-CÍ,
 P±P»CFCPIP°PSPSCÍ, PIC-PrCÍCÍC,PSC-CÍC,CH P°PiPµC,PëC,CÍ, P°C,,PµPeC,PëPIPS°
 P»P°P±C-P»CHPSC-CÍC,CH, P°PiCFCPµCÍC-CÍ, P·P±CÍPrP¶PµPSPSCÍ,
 PSPµCFCsPiPsP·PSC-CÍC,CH, PiPsCFCÍCFCPµPSPSCÍ CÍPIP°PiPë, P·P°PiP°PjPsCFCsC±PµPSPSCÍ,
 PiC-PiPµCFCPeC-PSPµP·C-CÍ, PjC-PiCFCPµPSCFC, CÍPsPSP»PëPIC-CÍC,CH, C,CFCPµPjPsCFC,
 PiPsCFCÍCFCPµPSPSCÍ P·PsCFCÍ, CÍCÍC...C-CÍC,CH CÍ CFCsC,C-, PrPëCÍPiPµPiCÍC-CÍ,
 PSC-C±PSC- P¶P°C...Pë, PiC-PrPIPëC%PµPSP° PIC,PsPjP»CFCPIP°PSC-CÍC,CH,
 PSPµC,CFCPëPjP°PSPSCÍ CÍPµC±C-, PIPëCÍPëPiP°PSPSCÍ, P°PePSPµ, PSPsCÍPsPIP°
 PeCFCsPiPsC,PµC±P°, PjPµC,PµPsCFCPëP·Pj. PkPµC±P°CÍC,Ps: (PIC-Pr ≥1/1000 PrPs <1/100):
 PiPsPrPsPIP¶PµPSPSCÍ C-PSC,PµCFCPIP°P»CÍ QT PSP° P·PµP”, CÍCÍC—C±PëPrP°P»CHPSC-
 CÍPiCFCsP±Pë, CÍCÍPrPsPjPë, PµPeCÍC,CFCP°PiC-CFCP°PjC-PrPSPëPñ CFCsP·P»P°Pr,
 PiP°CFCPµCÍC,PµP·C-CÍ, PrPµPiCFCPµCÍC-CÍ, PiP°P»CFC±PëPSP°C±C-C—, PiCÍCFCÍCFCP°,
 PiC-PiPµCFCPIPµPSC,PëP»CÍC±C-CÍ, P°PSPµPjC-CÍ, PiPsCFCÍCFCPµPSPSCÍ C,,CÍPSPeC±C-Pñ
 PiPµC±C-PSPëPë, PiC-PrPIPëC%PµPSPSCÍ CFC-PIPSCÍ
 P°P»P°PSC-PSP°PjC-PSPsC,CFCP°PSCÍC,,PµCFCP°P·Pë, C±PëCÍC,PëC,, PiCFCsCÍC,PëPñ
 PiPµCFCPiPµCÍ, PsC,PëC, P·PsPIPSC-CFCsPiPs PICÍC...P°, P±C-P»CH CÍ PICÍCÍC-,
 P±C-P»CH PI PsC±C-, PjC-PrCFC-P°P·, P·P°PiP°P»CHPSPµ PSPµP·PrCÍP¶P°PSPSCÍ,
 PiPµPjP°C,CÍCFC-CÍ, PiCÍCÍC,CÍP»CHPsP·PSPµ PIPëCÍPëPiP°PSPSCÍ, CFCPëPSC-C,,
 C,CFCP°PiPjP°, P·PSPëP¶PµPSPSCÍ PjP°CÍPë C,C-P»P°, PiPsCÍPjPëPeCÍPIP°PSPSCÍ
 PjPFC™ CÍP·C-PI, PSPµP·PIPëC±P°PñPSC- CÍPSPsPIPëPrC-PSPSCÍ, P°PiP°C,C-CÍ,
 P°P»CHP±CÍPjC-PSCÍCFC-CÍ, PiPsP»P°PeC-CÍCFC-CÍ, PiPsP»C-CÍCFC-CÍ, P±C-P»CH CÍ
 PjPsP»PsC±PSPëC... P·P°P»PsP·P°C..., PiPsCFCÍCFCPµPSPSCÍ PjPµPSCÍC,CFCÍP°P»CHPSPsPiPs
 C±PëPeP»CÍ, P°P»PsPiPµC±C-CÍ, PrPµCFCPjP°C,PëC,, CÍCFCP°P¶PµPSPSCÍ CFCPeC-CFCPë,
 PSPµC,PëPiPsPIPëPñ P·P°PiP°C... CFCPeC-CFCPë, PeCFCsPiPëPiPFC™ CÍPSPeP°, P±CFCÍPeCÍPëP·Pj,
 PiC-PiPµCFCPµPjC-CÍ. PFCP°CÍC,PsC,P° PSPµPIC-PrPsPjP°: PµPSCÍCFCPµP·.

*P·C,,PµPeC,Pë, C...P°CFCP°PeC,PµCFCPSC- PrP»CÍ C±CHFCsPiPs PeP»P°CÍC¿
 P»C-PeP°CFCÍCHPePëC... P·P°CÍPsP±C-PI*

Pj CFCPµP·CÍP»CHC,P°C,C- PiCFCsPiPµPrPµPSPSCÍ PµPiC-PrPµPjC-PsP»PsPiC-C±PSPëC...
 PrPsCÍP»C-PrP¶PµPSCFC, C%Ps PiPµCFCPµPIP°P¶PSPs PiCFCsPiPsPrPëP»Pë P· CÍC±P°CÍC,CFC
 PiP°C±C-C”PSC,C-PI PIC-PePsPj PIC-Pr 50 CFCsPeC-PI C,P° CÍC,P°CFCFCPµ, P±CÍPI

PIPëCŁIPIP»PµPSPëPNë PïC-PrPIPëC%oPµPSPëPNë CĤPëP·PëPe PIPëPSPëPePSPµPSPSCŁ PïPµCĤPµP»PsPjC-PI PeC-CĴC,PsPe Cr PïP°C†C-C”PSC,C-PI, CŁPeC- PsC,CĤPëPjCrPIP°P»Pë PŸP†P—P—PŸ C,P° C,CĤPëC†PëPeP»C-C‡PSC- P°PSC,PëPrPµPïCĤPµCĴP°PSC,Pë. PĤPµC...P°PSC-P·Pj, C%oPs P·CrPjPsPIP»CĤC” PïC-PrPIPëC%oPµPSPSCŁ C†CHbPsPiPs CĤPëP·PëPeCr, PSPµPIC-PrPsPjPëPNë.

PµPsPIC-PrPsPjP»PµPSPSCŁ PïCĤPs PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C‡PSC- CĤPµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSCŁ PïCĤPs PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C‡PSC- CĤPµP°PeC†C-C— Cr PïC-CĴP»CŁCĤPµC”CĴC,CĤP°C†C-PNëPSPëPNë PïPµCĤC-PsPr C” PIP°P¶P»PëPIPëPj P·P°C...PsPrPsPj. PïPµ PrPsP·PIPsP»CŁC” PïCĤPsPrPsPIP¶CrPIP°C,Pë PjPsPSC-C,PsCĤPëPSPi CĴPïC-PIPIC-PrPSPsC€PµPSPSCŁ PePsCĤPëCĴC,CH/CĤPëP·PëPe PïCĤPë P·P°CĴC,PsCĴCrPIP°PSPSC- PïCĤPµPïP°CĤP°C,Cr. P>C-PeP°CĤCŁPj PïCĤPsPïPsPSCrC”C,CHCĴCŁ PïPsPIC-PrPsPjP»CŁC,Pë PïCĤPs P±CrPrCHb-CŁPeC- PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C‡PSC- CĤPµP°PeC†C-C—.

PŸPµCĤPjC-PS PïCĤPëPrP°C,PSPsCĴC,C-. 3 CĤPsPePë.

PIPjPsPIPë P·P±PµCĤC-PiP°PSPSCŁ.

P—P±PµCĤC-PiP°C,Pë PI PsCĤPëPiC-PSP°P»CHbPSC-PNë CrPïP°PePsPIC†C- PïCĤPë C,PµPjPïPµCĤP°C,CrCĤC- PSPµ PIPëC%oPµ 25 B°PŸ Cr PSPµPrPsCĴC,CrPïPSPsPjCr PrP»CŁ PrC-C,PµPNë PjC-CĴC†C-.

PJPïP°PePsPIPëP°.

14 C,P°P±P»PµC,oPe Cr P±P»C-CĴC,PµCĤPSC-PNë CrPïP°PePsPIC†C-; PïPs 2 P±P»C-CĴC,PµCĤPë Cr PePsCĤPsP±C†C- P· PeP°CĤC,PsPSCr.

PĤP°C,PµPiPsCĤC-CŁ PIC-PrPïCrCĴPeCr.B

P—P° CĤPµC†PµPïC,PsPj.

P’PëCĤPsP±PSPëPe.

PŸP°PS PᄁP°CĤPjP°CĴCHbCHb,PëPeP°P» P†PSPPrP°CĴC,CĤC-P· P>C-PjC-C,PµPr/Sun Pharmaceutical Industries Limited.

PĤC-CĴC†PµP·PSP°C...PsPrP¶PµPSPSCŁ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPµCĴP° PjC-CĴC†CŁ PïCĤPsPIP°PrP¶PµPSPSCŁ PNëPsPiPs PrC-CŁP»CHbPSPsCĴC,C-.

P†PSP†P°CΓC,CΓC-P°P» P‡CΓP‡P° 3, P″P‡PIP°CΓ - 455001, P†PSP†C-C‡/

Industrial Area 3, Dewas, 455001, India.