

Р†РќРЎРЎР РЈРЉРІР†РЇ

**PrP»CЦ PjPμPrPëC±PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CЦCíCñPePsPiPs
P•P°CíPsP±Cí**

PŸP•P P>P†PꞤPŷ

(SERLIFT)

$P\check{Y}P\in P\gg P^\circ P\Gamma$:

$P\tau C-C\hbar C\sharp P^{\circ}$ $C\hbar P_{\mu}C\sharp PsPIP\ddot{e}PSP^{\circ}$: sertraline;

1 C, P^oP $\pm$ P $\gg$ P μ C, P ϵ P^o PjC-Cl^oC, P $\ddot{e}$ C, CH Cl^oP μ C $\dot{H}$ C, C $\dot{H}$ P^oP $\gg$ C-PSCr^o PiC-PrC $\dot{H}$ PsC...P $\gg$ PsC $\dot{H}$ P $\ddot{e}$ PrCr^o
55,96 PjPi P μ P ϵ PIC-PIP^oP $\gg$ P μ PSC, PSPs Cl^oP μ C $\dot{H}$ C, C $\dot{H}$ P^oP $\gg$ C-PSCr^o 50 PjPi P^oP $\pm$ Ps
Cl^oP μ C $\dot{H}$ C, C $\dot{H}$ P^oP $\gg$ C-PSCr^o PiC-PrC $\dot{H}$ PsC...P $\gg$ PsC $\dot{H}$ P $\ddot{e}$ PrCr^o 111,92 PjPi P μ P ϵ PIC-PIP^oP $\gg$ P μ PSC, PSPs
Cl^oP μ C $\dot{H}$ C, C $\dot{H}$ P^oP $\gg$ C-PSCr^o 100 PjPi;

PrPsPiPsPjC-P¶PSC- CḡPμC‡PsPIPëPSPë: PeP°P»CHC†C-Cḡ PiC-PrCḡPsC„PsCḡC„P°C„, C†PμP»CḡP»PsP·P° PjC-PeCḡPsPeCḡPëCḡC,P°P»C-C‡PSP°, PiC-PrCḡPsPeCḡPëPiCḡPsPiC-P»C†PμP»CḡP»PsP·P°-L, PSP°C,CḡC-Cḡ PeCḡPsC...PjP°P»CHPiP»C-PePsP»CḡC, (C,PëPi Pḡ), PjP°PiPSC-Cḡ CḡC,PμP°CḡP°C„, PiC-PiCḡPsPjPμP»PsP·P°, C,PëC,P°PSCḡ PrC-PsPeCḡPëPr (P• 171), PjP°PeCḡPsPiPsP» 400, C,P°P»CHPe.

**$P \rightarrow C - P \in P^{\circ} C \bar{H} C \bar{H} P \in P^{\circ} C, Ps C \bar{H} P j P^{\circ}. P \check{y} P^{\circ} P \pm P \gg P_{\mu} C, P \in P \check{e},$
 $P I P \in C \bar{H} P \check{e} C, C - Ps P \pm Ps P \gg Ps P S P \in Ps C \bar{H}.$**

$$PhC\dot{I}PSPsPIPSC-C_{\text{„}}C-P\ddot{e}PePs-C...C-PjC-C\ddot{z}PSC-PIP\gg P^{\circ}C\dot{I}C,P\ddot{e}PIPsC\dot{I}C,C-:$$

C, P°P±P»PμC, PePē PiPs 50 PjPi: P±C-P»C- C, P°P±P»PμC, PePē PiPs PrPs PIP¶PμPSPsC—
C,, PsCḤPjPē, PIPeCḤPēC, C- PsP±PsP»PsPSPePsCḤ, P· PiPsP·PSP°C‡PePsCḤ B«50B» P·
PsPrPSPsPiPs P±PsPeCḥ C- CḤPsP·PiPsPrC-P»CHC‡PsCḤ CḤPēCḥPePsCḤ P· C-PSC€PsPiPs;

*C,P°P±P»PμC,PePë PiPs 100 PjPi: P±C-P»C- C,P°P±P»PμC,PePë PiPsPrPsPIP¶PμPSPsC—
C,,PsCḤPjPë, PIPECḤPëC,C- PsP±PsP»PsPSPePsCḤ, P· PiPsP·PSP°C‡PePsCḤ B«100B» P·
PsPrPSPsPiPs P±PsPeCḤ C- CḤPsP·PiPsPrC-P»CHC‡PsCḤ CḤPëCḤPePsCḤ P· C-PSC€PsPiPs.*

P»**C**Ĥ**PjP°PePsC,PμCĤP°PīPμPIC,PēC±PSP°PiCĤCíPīP°.** PĥPSC,PëPrPμPīCĤPμCÍP°PSC,Pë.
PŸPμP»PμPeC,PëPIPSC- C-PSPiC-P±C-C,PscĤPë P·PIPsCĤPSc,PSPsPiPs P·P°C...PsPīP»PμPSPSCĬ
CÍPμCĤPsC,PspSC-PSCí. PľPsPr PĥPŸPΓB N06A B06.

$$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsP\gg PsPiC-C\bar{H}PSC-PIP\gg P^{\circ}C\bar{I}C,P\bar{e}PIPsC\bar{I}C,C-.$$

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

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

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

РҮРµСҖС,СҖР°Р»С-PS PSPµ РrС-С" ПI CҖPеPсCҖС,С- PіPсP·PёC,PёPIPSPsPiPs CҖС,PёPjCрP»Cр Cр PjP°PеP°Pе PIPёPrCр CҖPµP·CрCҖ, PIPёPrCҖPµCҖPёCҖCрPIP°PSPёC... CҖP°PjPsCҖС,С-PNёPSPs PіCҖPёPNёPjP°С,Pё PеPsPеP°С—PS, CҖPе C- PSPµ С" P·P°PjC—CҖPSPёPеPsPj CҖPsP·PіC—P·PSP°PIP°P»СҖPSPsPiPs 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 PjP°PеP°Pе-СҖPµP·CрCҖ.

РлP»C-PS-С±PSP° PµC,,PµPеC,PёPIPSC-CҖС,СҖ C,P° P±PµP·PіPµC±PSC-CҖС,СҖ

P'PµP»PёPеPёPNё PrPµPіCҖPµCҖPёPIPSPёPNё CҖPsP·P»P°Pr

PµCҖPsPIPsPrPёP»PsCҖCҖ PrPsCҖP»C-PrP¶PµPSPSCҖ P· CрC±P°CҖС,СҖ P°PjP±CрP»P°С,PsCҖPSPёC... PіP°CҖC-С"PS-С-PI P· PrPµPіCҖPµCҖС-С"СҖ, Cр CҖPеPёC... PIC-PrP·PSP°C±P°P»P°CҖCҖ PIC-PrPіPsPIC-PrCҖ PSP° C,PµCҖP°PіC-СҖ PrPs P·P°PIPµCҖCёPµPSPSCҖ PіPsC±P°С,PеPsPIPsC— 8-С,PёP¶PSPµPIPsC— PIC-PrPеCҖPёC,PsC— C,,P°P·Pё C,PµCҖP°PіC-С— CҖPµCҖС,СҖР°Р»С-PSPsPj Cр PrPsP·C- 50-200 PjPi/PrPsP±Cр. PіC- PіP°CҖC-С"PS-С,Pё (n=295) P±CрP»Pё CҖP°PSPPrPsPjC-P·PsPIP°PSC- Cр PіCҖCрPіPё P°P±Ps PrP»CҖ PіCҖPsPrPsPIP¶PµPSPSCҖ PіCҖPёPNёPsPjCр CҖPµCҖС,СҖР°Р»С-PSCр Cр PrPsP·C- 50-200 PjPi/PrPsP±Cр, P°P±Ps PrP»CҖ PіCҖPёPNёPsPjCр PіP»P°CҖPµP±Ps PіCҖPsC,CҖPiPsPj 44 C,PёP¶PSC-PI PIC-PrPіPsPIC-PrPSPs PrPs PіPsPrPIC-PNёPSPsPiPs CҖP»C-PіPsPiPs PrPsCҖP»C-PrP¶PµPSPSCҖ. P§P°CҖС,PsC,P° CҖPµCҖPёPrPёPIC-PI Cр PіCҖCрPіC- PіP°CҖC-С"PS-С-PI, CҖPеC- PіCҖPёPNёPjP°P»Pё CҖPµCҖС,СҖР°Р»С-PS, P±CрP»P° CҖС,P°С,PёCҖС,PёC±PSPs P·PSP°C±CрC%Ps PSPёP¶C±PsCҖ PіPsCҖС-PIPS-PIPSPs P· PіP°CҖC-С"PS-С,P°PjPё, CҖPеC- PіCҖPёPNёPjP°P»Pё PіP»P°CҖPµP±Ps. РҮРµСҖPµPrPSCҖ PrPsP·P° ПI CрC±P°CҖPSPёPеC-PI, CҖPеC- P·P°PIPµCҖCёPёP»Pё CрC±P°CҖС,СҖ Cр PrPsCҖP»C-PrP¶PµPSPSC-, CҖС,P°PSPsPIPёP»P° 70 PjPi/PrPsP±Cр. P'С-PrCҖPsC,PsPе PіP°CҖC-С"PS-С-PI, CҖPеC- PIC-PrPіPsPIC-P»Pё PSP° C,PµCҖP°PіC-СҖ (C%Ps PIPёP·PSP°C±P°P»PёCҖCҖ CҖPе PіP°CҖC-С"PS-С,Pё, ПI CҖPеPёC... PSPµ CҖPіPsCҖС,PµCҖС-PіP°PICҖCҖ CҖPµCҖPёPrPёPI) Cр PіCҖCрPіP°С... PіCҖPёPNёPsPjCр CҖPµCҖС,СҖР°Р»С-PSCр C- PіP»P°CҖPµP±Ps CҖС,P°PSPsPIPёPI 83,4 % C- 60,8 % PIC-PrPіPsPIC-PrPSPs.

PµPsCҖС,С,СҖР°PIPjP°С,PёC±PSPёPNё CҖС,СҖPµCҖPsPIPёPNё CҖPsP·P»P°Pr (PµPҮPҮP)

PћP±BҖ™ C"PrPSP°PSC- PrP°PSC- P·P°PіP°P»СҖPSPsC— PеC-P»СҖPеPsCҖС,С- PіP°CҖC-С"PS-С-PI P· PµPҮPҮP , CҖPеC- P±CҖP°P»Pё CрC±P°CҖС,СҖ Cр 3 PrPsCҖP»C-PrP¶PµPSPSCҖC..., CҖPIC-PrC±P°С,СҖ PіCҖPs PSPёP¶C±PёPNё PIC-PrCҖPsC,PsPе PIC-PrPіPsPIC-PrC- PSP° C,PµCҖP°PіC-СҖ CҖPµCҖPµPr C±PsP»PsPIC-PеC-PI PіPsCҖС-PIPS-PIPSs P· P¶C-PSPeP°PjPё. Pj PrPIPsC... PеP»C-PS-С±PSPёC... PrPsCҖP»C-PrP¶PµPSPSCҖC... C-P· P·P°PіP°P»СҖPSPsCҖ PіPsPіCрP»CҖCҖC-С"СҖ P· PіPsP·PёC,PёPIPSPёPjPё CҖPµP·CрP»СҖС,P°С,P°PjPё PIC-PrCҖPsC,PsPе PіP°CҖC-С"PS-С-PI, CҖPеC- PIC-PrPіPsPIC-P»Pё PSP° C,PµCҖP°PіC-СҖ, CҖPµCҖPµPr P¶C-PSPsPе C- C±PsP»PsPIC-PеC-PI Cр PіCҖCрPіP°С... PіP°CҖC-С"PS-С-PI, CҖPеC- PіCҖPёPNёPjP°P»Pё CҖPµCҖС,СҖР°Р»С-PS, P±CрPі PіPsPrC-P±PSPёPj PіPsCҖС-PIPS-PIPSs P· PіP»P°CҖPµP±Ps (P¶C-PSPePё: 57,2 % PіPsCҖС-PIPS-PIPSs P· 34,5 %; C±PsP»PsPIC-PеPё: 53,9 % PіPsCҖС-PIPS-PIPSs P· 38,2 %). РлС-P»СҖPеC-CҖС,СҖ C±PsP»PsPIC-PеC-PI C- P¶C-PSPsPе CҖPµCҖPµPr PіP°CҖC-С"PS-С-PI P·P°PіP°P»СҖPSPsC— PsP±BҖ™ C"PrPSP°PSPsC— PеC-P»СҖPеPsCҖС,С- PrPsCҖP»C-PrP¶PµPSCҖ CҖС,P°PSPsPIPёP»P° 184 C- 430 PIC-PrPіPsPIC-PrPSPs, PіCҖPё CҖСҖPsPjCр CҖPµP·CрP»СҖС,P°С,Pё Cр P¶C-PSPsPе P±CрP»Pё P±C-P»СҖСё PіPsCҖС,С-PNёPSPёPjPё, P° Cр C±PsP»PsPIC-PеC-PI PSP° PіPsC±P°С,PеPsPIPsPjCр CҖС-PIPS- CҖPіPsCҖС,PµCҖС-PіP°P»PёCҖCҖ C-PS-С- P·PjC-PS- PіP°CҖP°PjPµC,СҖPё (P±C-P»СҖСёPµ P·P»PsPIP¶PёPIP°PSPSCҖ CҖPµC±PsPIPёPSP°PjPё, P±C-P»СҖСёP° C,СҖPёPIP°P»C-CҖС,СҖ P·P°С...PIPsCҖСҖPIP°PSPSCҖ, PіCҖPёC±PёPSP° C,СҖР°PIPjPё), C%Ps

PePsC₇P_μP»C₇PIP°P»Pë P· PjP_μPSC€PsC₇ P_μC,,P_μPeC,PëPIPSC-Cl₇C,C₇ P₇C₇P_μPiP°C₇P°C,C₇.

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

P'P_μP·PiP_μPeP° C,P° P_μC,,P_μPeC,PëPIPSC-Cl₇C,C₇ Cl₇P_μC₇C,C₇P°P»C-PSC₇
(50-200 PjPi/PrPsP±C₇) PIPëPIC₇P°P»PëCl₇Cl₇ P₇C₇Pë P»C-PeC₇PIP°PSPSC- PrC-C,P_μPN₇ (6-12
C₇PsPeC-PI) C- PiC-PrP»C-C,PeC-PI (13-17 C₇PsPeC-PI), Cl₇PeC- PSP_μ PjP°P»Pë
PrP_μPiC₇P_μCl₇C-C— C,P° PiP_μC₇P_μP±C₇PIP°P»Pë PSP° P°PjP±C₇P»P°C,P₇C₇PSPsPjC₇
P»C-PeC₇PIP°PSPSC- P· PiC₇PëPIPsPrC₇ PsP±Cl₇P_μCl₇PëPIPSPs-PePsPjPiC₇P»C₇Cl₇PëPIPSPsPiPs
C₇PsP·P»P°PrC₇ (PhP₇P). P₇PsC₇P_μP· 1 C,PëP₇PrP_μPSC₇ PIPsPrPSPsPiPs PiP_μC₇C-PsPrC₇
PsPrPSPsCl₇C,P₇C₇PsPSPSC₇PsPiPs Cl₇P»C-PiPsPiPs PiC₇PëPN₇PsPjC₇ PiP»P°C₇P_μP±Ps
PiP°C₇C-C''PSC,C-PI C₇P°PSP₇PsPjC-P·C₇PIP°P»Pë C₇ PiC₇C₇PiPë PiC₇PëPN₇PsPjC₇
Cl₇P_μC₇C,C₇P°P»C-PSC₇ P°P±Ps PiP»P°C₇P_μP±Ps PiC₇PsC,C₇PiPsPj 12 C,PëP₇PSC-PI P·
PiPSC₇C₇PePëPj PrPsP·C₇PIP°PSPSC₇Pj PiC₇P_μPiP°C₇P°C,C₇. P''C-C,Pë (PIC-PePsPj 6-12
C₇PsPeC-PI) C₇PsP·PiPsC₇PePSP°P»Pë P·P°Cl₇C,P₇Cl₇C₇PIP°PSPSC₇ PiC₇P_μPiP°C₇P°C,C₇ P·
PrPsP·Pë 25 PjPi. Pj PiP°C₇C-C''PSC,C-PI, Cl₇PeC- P±C₇P»Pë C₇P°PSP₇PsPjC-P·PsPIP°PSC- C₇
PiC₇C₇PiC₇ PiC₇PëPN₇PsPjC₇ Cl₇P_μC₇C,C₇P°P»C-PSC₇, Cl₇PiPsCl₇C,P_μC₇C-PiP°P»PsCl₇Cl₇
Cl₇C,P°C,PëCl₇C,PëC₇PSPs P·PSP°C₇C₇C°P_μ PiPsPeC₇P°C°P°PSPSC₇, PSC-P₇ Cl₇
PiP°C₇C-C''PSC,C-PI, Cl₇PeC- PsC,C₇PëPjC₇PIP°P»Pë PiP»P°C₇P_μP±Ps, PIC-PrPiPsPIC-PrPSPs
PrPs PsC₇C-PSPePë P·P° P''PëC,C₇IC₇PsC₇ PsP±Cl₇P_μCl₇PëPIPSPs-PePsPjPiC₇P»C₇Cl₇PëPIPSPsC₇
C€PeP°P»PsC₇ PTM P_μP»C₇P-C₇P°C₇PSP° CY-BOCS (p=0,005), P''P»PsP±P°P»C₇HPSPsC₇
PsP±Cl₇P_μCl₇PëPIPSPs-PePsPjPiC₇P»C₇Cl₇PëPIPSPsC₇ C€PeP°P»PsC₇
P₇K°C₇C-PsPSP°P»C₇HPSPsPiPs C-PSC₇Cl₇C,PëC,C₇C₇ Cl₇ PiC₇PëC...C-C₇PSPsPiPs
P·PrPsC₇PsPiB₇TM Cl₇ (NIMH) (p=0,019) C,P° C€PeP°P»PsC₇ B«P—P°PiP°P»C₇HPSP°
PeP»C-PSC-C₇PSP° PsC₇C-PSPeP° B₇'' PiPsPeC₇P°C°P_μPSPSC₇IB» (p=0,002). P₇C₇C-Pj
C,P₇PsPiPs, C₇ PiP°C₇C-C''PSC,C-PI C₇ PiC₇C₇PiC- PiC₇PëPN₇PsPjC₇ Cl₇P_μC₇C,C₇P°P»C-PSC₇
PiPsC₇C-PIPSC₇IPSPs P· PiC₇C₇PiPsC₇ PiC₇PëPN₇PsPjC₇ PiP»P°C₇P_μP±Ps
Cl₇PiPsCl₇C,P_μC₇C-PiP°P»P°Cl₇Cl₇ C,P_μPSP₇PrP_μPSC₇C-Cl₇ PrPs P±C-P»C₇HC€PsPiPs
PiPsPeC₇P°C°P_μPSPSC₇ P·P° C€PeP°P»PsC₇ B«P—P°PiP°P»C₇HPSP° PeP»C-PSC-C₇PSP°
PsC₇C-PSPeP° B₇'' C,C₇IP₇PeC-Cl₇C,C₇ P·P°C...PIPSC₇C₇PIP°PSPSC₇IB» (p=0,089).
P₇Y₇P_μC₇P_μPrPSC₇ PeC-P»C₇HPeC-Cl₇C,C₇ P±P°P»C-PI P·P° C€PeP°P»PsC₇ CY-BOCS PSP°
PiPsC₇P°C,PePsPIPsPjC₇ C₇C-PIPSC- C,P° Cl₇P_μC₇P_μPrPSC₇ P·PjC-PSP° PeC-P»C₇HPePsCl₇C,C-
P±P°P»C-PI PiPsC₇C-PIPSC₇IPSPs P· PiPsC₇P°C,PePsPIPëPj C₇C-PIPSP_μPj C₇ PiC₇C₇PiC-
PiP°C₇C-C''PSC,C-PI, Cl₇PeC- PsC,C₇PëPjC₇PIP°P»Pë PiP»P°C₇P_μP±Ps, Cl₇C,P°PSPsPiPëP»Pë
22,25B±6,15 C- - 3,4B±0,82 PIC-PrPiPsPIC-PrPSPs, C₇ C,P₇PN₇ C₇P°Cl₇, Cl₇Pe C₇ PiC₇C₇PiC-
PiP°C₇C-C''PSC,C-PI, Cl₇PeC- PsC,C₇PëPjC₇PIP°P»Pë Cl₇P_μC₇C,C₇P°P»C-PS, Cl₇P_μC₇P_μPrPSC₇
PeC-P»C₇HPeC-Cl₇C,C₇ P±P°P»C-PI PSP° PiPsC₇P°C,PePsPIPsPjC₇ C₇C-PIPSC- C,P°
Cl₇P_μC₇P_μPrPSC₇ P·PjC-PSP° PeC-P»C₇HPePsCl₇C,C- P±P°P»C-PI PiPsC₇C-PIPSC₇IPSPs P·
PiPsC₇P°C,PePsPIPëPj C₇C-PIPSP_μPj Cl₇C,P°PSPsPiPëP»Pë 23,36B±4,56 C- - 6,8B±0,87
PIC-PrPiPsPIC-PrPSPs. Pj post-hoc P°PSP°P»C-P-C- PIC-PrCl₇PsC,P₇Pe PiP°C₇C-C''PSC,C-PI,
Cl₇PeC- PIC-PrPiPsPIC-P»Pë PSP° C,P_μC₇P°PiC-C₇ C,P° PIPëP·PSP°C₇P°P»PëCl₇Cl₇ Cl₇Pe
PiP°C₇C-C''PSC,Pë P·C- P·PSPëP₇P_μPSPSC₇Pj PSP° 25 % (P°P±Ps P±C-P»C₇HC€P_μ)
PeC-P»C₇HPePsCl₇C,C- P±P°P»C-PI P·P° C€PeP°P»PsC₇ CY-BOCS (PiP_μC₇PIPëPSPSPëPN₇
PiP°C₇P°PjP_μC,C₇ P_μC,,P_μPeC,PëPIPSPsCl₇C,C-) PIC-Pr PiPsPeP°P·PSPëPeC-PI
PiPsC₇P°C,PePsPIPsPiPs C₇C-PIPSC₇ PrPs PeC-PSC₇P_μPIPsC— C,P₇C₇PePë, Cl₇C,P°PSPsPiPëPI 53
% C₇ PiC₇C₇PiC- PiC₇PëPN₇PsPjC₇ Cl₇P_μC₇C,C₇P°P»C-PSC₇ PiPsC₇C-PIPSC₇IPSPs P· 37 % C₇
PiC₇C₇PiC- PiP»P°C₇P_μP±Ps (C₇=0,03).

P''P°PSC- C°P₇PsPrPs PrPsPIPiPsCl₇C,C₇PsPePsPIPsC— P±P_μP·PiP_μPePë C,P°
P_μC,,P_μPeC,PëPIPSPsCl₇C,C- PiC₇P_μPiP°C₇P°C,C₇ C₇ C₇C-PN₇ PiPsPiC₇P»C₇IC₇C-C—
PiP°C₇C-C''PSC,C-PI PrPëC,C₇IC₇PsPiPs PIC-PeC₇ PIC-PrCl₇C₇C,PSC-. P''P°PSC- PiC₇Ps

P·P°CÍC,PsCÍCrPIP°PSPSCÍ CÍPµCĤC,CĤP°P»C-PSCÍ PrC-C,CÍPj PIC-PePsPj PrPs 6
CĤPsPeC-PI PIC-PrCÍCrC,PS-.

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°.

PĥP±CÍPsCĤP±C†C-CÍ

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP° CÍPµCĤC,CĤP°P»C-PSCÍ Cr PrC-P°PİP°P·PsPSC- PrPsP·
PIC-Pr 50 PrPs 200 PjPi C" PrPsP·PsP·P°P»PµP¶PSPsCĤ. PµCĤPsC,CÍPiPsPj 14-PrPµPSPSPsPiPs
PİCĤPëPµPjCr CÍPµCĤC,CĤP°P»C-PSCÍ C-P· PrPsP·CÍPIP°PSPSCÍPj 50-200 PjPi
(PİPµCĤPsCĤP°P»CĤPSPs, 1 CĤP°P· PSP° PrPsP±CÍ) Cr P»CĤPrPµPNë, PİC-Pe
PePsPSC†PµPSC,CĤP°C†C-C— CÍPµCĤC,CĤP°P»C-PSCÍ Cr PİP»P°P·PjC- PeCĤPsPIC-
PrPsCÍCÍPiP°C"C,CĤCÍCÍ C†PµCĤPµP· 4,5-8,4 PiPsPrPëPSPë PİC-CÍP»CÍ
C%oPsPrPµPSPSPsPiPs PİCĤPëPµPjCr PİCĤPµPİP°CĤP°C,CÍ. P†P¶P° CÍCrC,C,C"PIPs PSPµ
P·PjC-PSCĤC" P±C-PsPrPsCÍC,CÍPİPSC-CÍC,CĤ CÍPµCĤC,CĤP°P»C-PSCÍ Cr
C,P°P±P»PµC,PeP°C....

P PsP·PİPsPrC-P»

PµCĤPëP±P»PëP·PSPs 98 % C†PëCĤPeCÍP»CĤCĤC†PsPiPs CÍPµCĤC,CĤP°P»C-PSCÍ
P·PİBĤ™ CÍP·CÍC"C,CĤCÍCÍ P· P±C-P»PeP°PjPë PİP»P°P·PjPë PeCĤPsPIC-.

P'C-PsC,CĤP°PSCÍC,,PsCĤPjP°C†C-CÍ

PŸPµCĤC,CĤP°P»C-PS P·P°P·PSP°C" C-PSC,PµPSCÍPëPIPSPsPiPs PİCĤPµCÍPëCÍC,PµPjPSPsPiPs
PjPµC,P°P±PsP»C-P·PjCr (B«PµC,,PµPeC, PİPµCĤC€PsPiPs PİCĤPsC...PsPrP¶PµPSPSCÍB») Cr
PİPµC†C-PSC†C-.

P'P°P·CÍCĤC†PëCÍCĤ PSP° PrP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ C,P°
PrPsCÍP»C-PrP¶PµPSCĤ *in vitro*, PjPsP¶PSP° P·CĤPsP±PëC,Pë PIPëCÍPSPsPiPsPe, C%oPs
CÍPµCĤC,CĤP°P»C-PS PjPµC,P°P±PsP»C-P·CÍC"C,CĤCÍCÍ P±P°PİP°C,CĤPjP°
C€P»CÍC...P°PjPë, Cr C,PsPjCr C†PëCÍP»C- P·P° CÍC†P°CÍC,CĤ C,,PµCĤPjPµPSC,C-PI CYP3A4,
CYP2C19 C,P° CYP2B6 (PrPëPI. CĤPsP·PrC-P» B«P'P·P°C"PjPsPrC-CÍ P· C-PSC€PëPjPë
P»C-PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PİPëPrPë PİP·P°C"PjPsPrC-PNëB»).
PŸPµCĤC,CĤP°P»C-PS C,P° PNëPsPiPs PsCÍPSPsPIPSPëPNë PjPµC,P°P±PsP»C-C,
PrPµP·PjPµC,PëP»CÍPµCĤC,CĤP°P»C-PS C,P°PePsP¶ C" CÍCÍP±CÍC,CĤP°C,P°PjPë P -
PİP»C-PePsPİCĤPsC,PµC—PSCÍ PI CÍPjPsPIP°C... *in vitro*.

P·P»C-PjC-PSP°C†C-CÍ

PŸPµCĤPµPrPSC-PNë PİPµCĤC-PsPr PSP°PİC-PIPIPëPIPµPrPµPSPSCÍ CÍPµCĤC,CĤP°P»C-PSCÍ
CÍC,P°PSPsPIPëC,CĤ PİCĤPëP±P»PëP·PSPs 26 PiPsPrPëPS (Cr PrC-P°PİP°P·PsPSC- PIC-Pr 22
PrPs 36 PiPsPrPëPS). P'C-PrPİPsPIC-PrPSPs PrPs C,PµCĤPjC-PSP°P»CĤPSPsPiPs
PİPµCĤC-PsPrCr PSP°PİC-PIPIPëPIPµPrPµPSPSCÍ CÍPİPsCÍC,PµCĤC-PİP°C"C,CĤCÍCÍ
PeCÍPjCrP»CÍC†C-CÍ PİCĤPµPİP°CĤP°C,CÍ (P·C- P·P±C-P»CĤC€PµPSPSCÍPj PNëPsPiPs
CĤC-PIPSCÍ PİCĤPëP±P»PëP·PSPs PİPrPIC-C†C-) PİCĤPë PrPsCÍCÍPiPSPµPSPSC-
CĤC-PIPSPsPIP°P¶PSPëC... PePsPSC†PµPSC,CĤP°C†C-PNë, CÍPeC-
CÍPİPsCÍC,PµCĤC-PİP°CĤC,CĤCÍCÍ PİC-CÍP»CÍ P·P°CÍC,PsCÍCrPIP°PSPSCÍ
PİCĤPµPİP°CĤP°C,CÍ Cr PrPsP·C- 1 CĤP°P· PSP° PrPsP±CÍ PİCĤPsC,CÍPiPsPj 1 C,PëP¶PSCÍ.
PµPµCĤC-PsPr PSP°PİC-PIPIPëPIPµPrPµPSPSCÍ 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 PrCḡP¶Pμ
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... PiCḡC±PiP°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 CΓPēC... 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°P¶PSPsPjCḡ
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-PIPSḡIPSPs P· C,P°PePePjPe Cḡ PiCḡCḡPiC- PiP°CΓC-C''PSC,C-PI PIC-PePsPj
13-17 CḡPsPeC-PI C- PSP° 21 % PIPēC%oC- PiPsCḡC-PIPSḡIPSPs P· CḡPμC,,PμCḡPμPSC,PSPsCḡ
PiCḡCḡPiPsCḡ PrPsCḡPsCΓP»PēC.... PkPμ CΓPiPsCΓC,PμCḡC-PiP°P»PsCΓCḡC
P·PSP°C±CḡC%oPēC... PIC-PrPjC-PSPSPsCΓC,PμPNē PjC-P¶ 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 PjPsP¶PSP°
P·P°CΓC,PsCΓPsPICḡPIP°C,Pē C,P°PeC- P¶ PrPsP·Pē, C%oPs PNē PrPsCḡPsCΓP»PēPj.

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

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.

PμPsCḡC±CēPμPSPSCḡ C,,C±PSPeCΓC-PNē PiPμC±C-PSPePe

Pj PiP°CΓC-C''PSC,C-PI P· CḡCēPePsPrP¶PμPSPSCḡPj PiPμC±C-PSPePe PiPμCḡC-PsPr
PSP°PiC-PIPIPePIPμPrPμPSPSCḡ CΓPμCḡC,CḡP°P»C-PSCr PiPsPrPsPIP¶CḡC''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»).

PμPsCḡC±CēPμPSPSCḡ C,,C±PSPeCΓC-PNē PSPēCḡPsPe

PJ PĭP°C†C-C''PSC,C-PI C-P· PĭPsCĤCřCЄPμPSPSCĬPj C,,CřPSPeC†C-C— PSPëCĤPsPe
PĭPsPjC-CĤPSPsPiPs P°P±Ps C,CĬP¶PēPsPiPs CĬC,CřPĭPμPSCĬ PSPμ
PIC-PrP·PSP°C‡P°P»PsCĬCĬ P·PSP°C‡CřC‰PsC— PeCřPjCřP»CĬC†C-C—
CĬPμCĤC,CĤP°P»C-PSCř.

PαP°CĤPjP°PePsPiPμPSPsPjC-PeP°

P' PsCĬC-P± P· PĭPsPIC-P»CHbPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19 CĤC-PIPSC-
CĬPμCĤC,CĤP°P»C-PSCř PI PĭP»P°P·PjC- PeCĤPsPIC- P±CřP»Pë PĭCĤPëP±P»PëP·PSPs PSP° 50 %
PIPëC‰C- PĭPsCĤC-PIPSCĬPSPs P· PsCĬPsP±P°PjPë P· CЄPIPëPrPePëPj
PjPμC,P°P±PsP»C-P·PjPsPj CYP2C19. PμP»C-PSC-C‡PSPμ P·PSP°C‡PμPSPSCĬ C†CHbPsPiPs
CĬPIPëC‰P° PSPμ P·bĤ™ CĬCĬPμPSP°PSPμ, C,PsPjCř C,PëC,CĤCřPIP°PSPSCĬ PrPsP·Pë
PĭPsC,CĤC-P±PSPμ, P·P°P»PμP¶PSPs PIC-Pr PeP»C-PSC-C‡PSPsC— PIC-PrPĭPsPIC-PrC-
PĭP°C†C-C''PSC,P°.

PμP»C-PSC-C‡PSC- C...P°CĤP°PeC,PμCĤPëCĬC,PëPePë.

PμPsPeP°P·P°PSPSCĬ.

PŸPμCĤC,CĤP°P»C-PS PĭPsPeP°P·P°PSPëPNē PrP»CĬ P»C-PeCřPIP°PSPSCĬ
PSP°CĬC,CřPĭPSPëC... CĤPsP·P»P°PrC-PI :

- P'PμP»PëPeC- PrPμPĭCĤPμCĬPëPIPSC- PμPĭC-P·PsPrPë. P—P°PĭPsP±C-PiP°PSPSCĬ
CĤPμC†PëPrPëPICř PIPμP»PëPePëC... PrPμPĭCĤPμCĬPëPIPSPëC... PμPĭC-P·PsPrC-PI.
- PμP°PSC-C‡PSC- CĤPsP·P»P°PrPë P· PSP°CĬPIPSC-CĬC,CĤ P°P±Ps
PIC-PrCĬCřC,PSC-CĬC,CĤ P°PiPsCĤP°C,,PsP±C-C—.
- PhP±CĬPμCĬPëPIPSPs-PePsPjPiCřP»CHbCĬPëPIPSPëPNē CĤPsP·P»P°Pr (PhPμP) Cř
PrPsCĤPsCĬP»PëC... C,P° PrC-C,PμPNē PIC-PePsPj 6-17 CĤPsPeC-PI.
- PŸPsC†C-P°P»CHbPSPëPNē C,CĤPëPIPsP¶PSPëPNē CĤPsP·P»P°Pr.
- PμPsCĬC,C,CĤP°PIPjP°C,PëC‡PSPëPNē CĬC,CĤPμCĬPμPSPëPNē CĤPsP·P»P°Pr (PμPŸPŸP).

PμCĤPsC,PëPĭPsPeP°P·P°PSPSCĬ.

PμC-PrPIPëC‰PμPSP° C‡CřC,P»PëPIC-CĬC,CH PrPs PrC-CĤC‡PsC— CĤPμC‡PsPIPëPSPë P°P±Ps
PrPs P±CřPrCHb-CĬPePsC— P· PrPsPĭPsPjC-P¶PSPëC... CĤPμC‡PsPIPëPS.

PμCĤPsC,PëPĭPsPeP°P·P°PSPμ P·P°CĬC,PsCĬCřPIP°PSPSCĬ CĬPμCĤC,CĤP°P»C-PSCř CĤP°P·PsPj
P· C-PSPiC-P±C-C,PsCĤP°PjPë PjPsPSPsP°PjC-PSPsPsPeCĬPëPrP°P·Pë (PμPĤPh)
PSPμP·PIPsCĤPsC,PSPsC— PrC-C— Cř P·PIbĤ™ CĬP·PeCř P· CĤPëP·PëPePsPj CĤPsP·PIPëC,PeCř
CĬPμCĤPsC,PsPSC-PSPsPIPsPiPs CĬPëPSPrCĤPsPjCř P· PĭCĤPsCĬPIP°PjPë C,P°PePëC...
CĬPëPjPiC,PsPjC-PI CĬPe P·P±CřPrP¶PμPSPSCĬ, C,CĤPμPjPsCĤ C,P° PiC-PĭPμCĤC,PμCĤPjC-CĬ.
P PsP·PĭPsC‡PëPSP°C,Pë C,PμCĤP°PiC-CĤ CĬPμCĤC,CĤP°P»C-PSPsPj PSPμ PjPsP¶PSP°
C‰PsPSP°PNēPjPμPSCЄPμ PĭCĤPsC,CĬPiPsPj 14 PrPSC-PI PiC-CĬP»CĬ PĭCĤPëPĭPëPSPμPSPSCĬ
PeCřCĤCĬCř P»C-PeCřPIP°PSPSCĬ C-PSPiC-P±C-C,PsCĤPsPj PμPĤPh
PSPμP·PIPsCĤPsC,PSPsC— PrC-C—. P—P°CĬC,PsCĬCřPIP°PSPSCĬ CĬPμCĤC,CĤP°P»C-PSCř
CĬP»C-Pr PĭCĤPëPĭPëPSPëC,Pë C‰PsPSP°PNēPjPμPSCЄPμ P·P° 7 PrPSC-PI PrPs PĭPsC‡P°C,PeCř

C, P_μCT_hP°P_iC— C—PSPiC—P±C—C, PsCT_hPsP_j P_hP_hP_h PSP_μP·PIP_sCT_hPsC, PSPsC— PrC—C—.
P_μCT_hPsC, PēP_iPsPeP°P·P°PSP_μ PsPrPSPsC±P°C_iPSP_μ P·P°C_iC, PsC_iC_rPIP°PSPSC_i
C_iP_μCT_hC, CT_hP°P»C—PSC_r C, P° P_iC—P_jPsP·PēPrC_r (PrPēPI. CT_hPsP·PrC—P» B«P·P·P°C”P_jPsPrC—C_i P·
C—PSCēPēP_jPē P»C—PeP°CT_hC_iChPePēP_jPē P·P°C_iPsP±P°P_jPē C, P° C—PSCēC— PIPēPrPē
PIP·P°C”P_jPsPrC—PN_hB»).

**P·P·P°C”P_jPsPrC—C_i P· C—PSCēPēP_jPē P»C—PeP°CT_hC_iChPePēP_jPē
P·P°C_iPsP±P°P_jPē C, P° C—PSCēC— PIPēPrPē PIP·P°C”P_jPsPrC—PN_h.**

P_μCT_hPsC, PēP_iPsPeP°P·P°PSC—

P†PSPiC—P±C—C, PsCT_hPē P_jPsPSPsP°P_jC—PSPsPeC_iPēPrP°P·Pē

P_hP_hP_hP† PSP_μP·PIP_sCT_hPsC, PSPsC— PrC—C— (PSP°P_iCT_hPēPeP»P°Pr C_iP_μP»P_μPiC—P»C—PS)

P_μCT_hPsC, PēP_iPsPeP°P·P°PSP_μ P·P°C_iC, PsC_iC_rPIP°PSPSC_i C_iP_μCT_hC, CT_hP°P»C—PSC_r CT_hP°P·PsP_j
P· P_hP_hP_hP† PSP_μP·PIP_sCT_hPsC, PSPsC— PrC—C—, C, P°PePēP_jPē C_iPe C_iP_μP»P_μPiC—P»C—PS.
P_YP_μCT_hC, CT_hP°P»C—PS PSP_μ P_jPsP_μPSP° P_iCT_hPēP·PSP°C±P°C, Pē C_μPsPSP°PN_hP_jP_μPSCēP_μ
P_iCT_hPsC, C_iP_iPsP_j 14 PrPSC—PI P_iC—C_iP»C_i P_iCT_hPēP_iPēPSP_μPSPSC_i PeC_rCT_hC_iC_r
P»C—PeC_rPIP°PSPSC_i P_hP_hP_hP† PSP_μP·PIP_sCT_hPsC, PSPsC— PrC—C—.
P—P°C_iC, PsC_iC_rPIP°PSPSC_i C_iP_μCT_hC, CT_hP°P»C—PSC_r C_iP»C—Pr P_iCT_hPēP_iPēPSPēC, Pē
C_μPsPSP°PN_hP_jP_μPSCēP_μ P·P° 7 PrPSC—PI PrPs P_iPsC±P°C, PeC_r C, P_μCT_hP°P_iC—C— P_hP_hP_hP†
PSP_μP·PIP_sCT_hPsC, PSPsC— PrC—C— (PrPēPI. CT_hPsP·PrC—P»
B«P_μCT_hPsC, PēP_iPsPeP°P·P°PSPSC_iB»).

P_YP_μP»P_μPeC, PēPIPSPēPN_h C—PSPiC—P±C—C, PsCT_h P·PIP_sCT_hPsC, PSPsC— PrC—C— P_hP_hP_h·P_h
(P_jPsPeP»PsP±P_μP_jC—Pr)

P_j·P_iB_h[™] C_iP·PeC_r P· CT_hPēP·PēPePsP_j CT_hPsP·PIPēC, PeC_r C_iP_μCT_hPsC, PsPSC—PSPsPIP_sP_iPs
C_iPēPSP_rCT_hPsP_jC_r PSP_μ C_iP»C—Pr P·P°C_iC, PsC_iPsPIC_rPIP°C, Pē C_iP_μCT_hC, CT_hP°P»C—PS C_r
PePsP_jP±C—PSP°C†C—C— P· C_iP_μP»P_μPeC, PēPIPSPēP_jPē P_hP_hP_hP† P·PIP_sCT_hPsC, PSPsC—
PrC—C—, C, P°PePēP_jPē C_iPe P_jPsPeP»PsP±P_μP_jC—Pr. P_μC—C_iP»C_i PIC—PrP_jC—PSPē
C—PSPiC—P±C—C, PsCT_hC—PI P_hP_hP_h P·PIP_sCT_hPsC, PSPsC— PrC—C— P_iP_μCT_hC—PsPr PrPs
P_iPsC±P°C, PeC_r C, P_μCT_hP°P_iC—C— C_iP_μCT_hC, CT_hP°P»C—PSPsP_j P_jPsP_μP_μ P±C_rC, Pē
PePsCT_hPsC, CēPēP_j P·P° 14 PrPSC—PI. P P_μPePsP_jP_μPSP_rC_rC”C, ChC_iC_i P_iCT_hPēP_iPēPSPēC, Pē
P·P°C_iC, PsC_iC_rPIP°PSPSC_i C_iP_μCT_hC, CT_hP°P»C—PSC_r C_μPsPSP°PN_hP_jP_μPSCēP_μ P·P° 7
PrPSC—PI PrPs P_iPsC±P°C, PeC_r C, P_μCT_hP°P_iC—C— P_hP_hP_h P·PIP_sCT_hPsC, PSPsC— PrC—C— (PrPēPI.
CT_hPsP·PrC—P» B«P_μCT_hPsC, PēP_iPsPeP°P·P°PSPSC_iB»).

P_kP_μC_iP_μP»P_μPeC, PēPIPSC— C—PSPiC—P±C—C, PsCT_hPē P_hP_hP_h P·PIP_sCT_hPsC, PSPsC— PrC—C—
(P»C—PSP_μP·PsP»C—Pr)

P_hPSC, PēP±C—PsC, PēPe P»C—PSP_μP·PsP»C—Pr C” C_iP»P°P±PePēP_j PSP_μC_iP_μP»P_μPeC, PēPIPSPēP_j
P_hP_hP_hP† P·PIP_sCT_hPsC, PSPsC— PrC—C—, C_iPePēPN_h PSP_μ C_iP»C—Pr
P·P°C_iC, PsC_iPsPIC_rPIP°C, Pē P_iP°C†C—C”PSC, P°P_j, C_iPeC— P_iCT_hPēPN_hP_jP°C_hC, Ch
C_iP_μCT_hC, CT_hP°P»C—PS (PrPēPI. CT_hPsP·PrC—P» B«P_μCT_hPsC, PēP_iPsPeP°P·P°PSPSC_iB»).

P’C_rP»Pē P·P°CT_hP_μC”C_iC, CT_hPsPIP°PSC— C, C_iP_μPeC— P_iPsP±C—C±PSC— CT_hP_μP°PeC†C—C— C_r
P_iP°C†C—C”PSC, C—PI, C_iPeC— PSP_μC_μPsPrP°PIPSPs P_iCT_hPēP_iPēPSPēP»Pē
P·P°C_iC, PsC_iC_rPIP°PSPSC_i P_hP_hP_hP† (PSP°P_iCT_hPēPeP»P°Pr, P_jP_μC, PēP»P_μPSPsPIPēPN_h

P PëP·PëPe PïPsPrPsPIP¶PµPSPSC¶ C-PSC,PµC¶PIP°P»Cr¶ QTc C-/P°P±Ps

C€P»CfPSPsC†PePsPIPëC... P°CḡPëC,PjC-PNë (PSP°PíCḡPëPeP»P°Pr C€P»CfPSPsC†PePsPIPSC—
C,P°C...C-PeP°CḡPrC-C— C,PëPíCf B«PíC-CḡCfPµC,B») PjPsP¶Pµ
PíC-PrPIPëC‰CfPIP°C,PëCíCḡ Cf CḡP°P·C- PsPrPSPsC†P°CíPSPsPiPs
P·P°CíC,PscíCfPIP°PSPSCḡ P· C-PSC€PëPjPë PíCḡPµPíP°CḡP°C,P°PjPë, CḡPeC-
PíPsPrPsPIP¶CfCḡC,Ch C-PSC,PµCḡPIP°P» QTc (PSP°PíCḡPëPeP»P°Pr PrPµCḡPeC-
P°PSC,PëPíCíPëC...PsC,PëC†PSC- P·P°CíPsP±Pë PNë P°PSC,PëP±C-PsC,PëPePë) (PrPëPI.
CḡPsP·PrC-P» B«PhCíPsP±P»PëPIPsCíC,C- P·P°CíC,PscíCfPIP°PSPSCḡB»).

P>C-C,C-PNë

PJ PíP»P°C†PµP±Ps-PePsPSC,CḡPsP»ChPsPIP°PSPsPjCf PrPsCíP»C-PrP¶PµPSPSC- P·
CfC†P°CíC,Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»ChC†C-PI PsPrPSPsC†P°CíPSPëPNë
PíCḡPëPNëPsPj CíPµCḡC,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
PíCḡPëP·PIPsPrPëPI PrPs PíPsCíPëP»PµPSPSCḡ C,CḡPµPjPsCḡCf PíPsCḡC-PIPsCḡPSPs P·
PíP»P°C†PµP±Ps, C‰Ps CíPIC-PrC†PëC,Ch PíCḡPs PjPsP¶P»PëPICf
C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSCf PIP·P°C”PjPsPrC-Cḡ. PµCḡPë PsPrPSPsC†P°CíPSPsPjCf
P·P°CíC,PscíCfPIP°PSPSC- CíPµCḡC,CḡP°P»C-PSCf C,P° P»C-C,C-Cḡ CíP»C-Pr
P·P°P±PµP·PíPµC†PëC,Pë PSP°P»PµP¶PSPëPNë PePsPSC,CḡPsP»Ch.

PαPµPSC-C,PsC—PS

P PµP·CfP»ChC,P°C,Pë PíP»P°C†PµP±Ps-PePsPSC,CḡPsP»ChPsPIP°PSPsPiPs
PrPsCíP»C-PrP¶PµPSPSCḡ P· CfC†P°CíC,Cḡ P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»ChC†C-PI
CíPIC-PrC†P°C,Ch PíCḡPs C,Pµ, C‰Ps C,CḡPëPIP°P»PëPNë PíCḡPëPNëPsPj
CíPµCḡC,CḡP°P»C-PSCf Cf PrPsP·C- 200 PjPi/PrPsP±Cf PSPµ PíCḡPëP·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... PIPëPíP°PrPeC-PI
CíPIC-PrC†P°C,Ch PíCḡPs PIPëCíPsPeC- PµPeCíPíPsP·PëC†C-C— C,,PµPSC-C,PsC—PSCf Cí
PíP°C†C-C”PSC,C-PI, CḡPeC- P·P°CíC,PscíPsPICfCḡC,Ch CíPµCḡC,CḡP°P»C-PS;
CḡPµPePsPjPµPSPPrCfC”C,ChCíCḡ PíCḡPsPIPsPrPëC,Pë PjPsPSC-C,PscḡPëPSPi
PePsPSC†PµPSC,CḡP°C†C-C— C,,PµPSC-C,PsC—PSCf Cí PíP»P°P·PjC- PeCḡPsPIC-
PíCḡPsC,CḡPiPsPj PíPsC†P°C,PePsPIPsPiPs PµC,P°PíCf C,PµCḡP°PíC-C—
CíPµCḡC,CḡP°P»C-PSPsPj C-P· PIC-PrPíPsPIC-PrPSPëPjPë PePsCḡPµPeC†C-CḡPjPë PrPsP·Pë
C,,PµPSC-C,PsC—PSCf. PḡCḡC-Pj C,PsPiPs, PsPrPSPsC†P°CíPSPµ P·P°CíC,PscíCfPIP°PSPSCḡ
PíCḡPµPíP°CḡP°C,Cf P· C,,PµPSC-C,PsC—PSPsPj PjPsP¶Pµ PíCḡPëP·PIPµCíC,Pë PrPs
P·PSPëP¶PµPSPSCḡ PePsPSC†PµPSC,CḡP°C†C-C— CíPµCḡC,CḡP°P»C-PSCf Cí PíP»P°P·PjC-
PeCḡPsPIC-. PkPµ PjPsP¶PSP° PIPëPeP»ChC†PëC,Pë PjPsP¶P»PëPIC-CíC,Ch P·PSPëP¶PµPSPSCḡ
PíP»P°P·PjPsPIPëC... CḡC-PIPsC-PI CíPµCḡC,CḡP°P»C-PSCf PíC-Pr PIPíP»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·PµPíC-PSCf, PíCḡPµPíP°CḡP°C,C-PI
P·PIC-CḡPsP±PsCḡ C,P° CḡPëC,,P°PjPíC-C†PëPSCf.

PýCḡPëPíC,P°PSPë

PµCḡPsC,CḡPiPsPj PíPµCḡC-PsPrCf PíPsCíC,CḡPµC”CíC,CḡP°C†C-PNëPSPsPiPs
PSP°PiP»CḡPrCf PSP°PrC...PsPrPëP»Pë PíPsPsPrPëPSPsPeC- PíPsPIC-PrPsPjP»PµPSPSCḡ PíCḡPs
PIPëPíP°PrPePë CḡPsP·PIPëC,PeCf CíP»P°P±PePsCíC,C-, PíC-PíPµCḡCḡPµC,,P»PµPeCíC-C—,
PíPsCḡCfC€PµPSPSCḡ PePsPsCḡPrPëPSP°C†C-C—, PIC-PrC†CfC,C,Cḡ
P·P±PµPSC,PµP¶PµPSPSCḡ, C,CḡPëPIPsP¶PSPsCíC,C- C,P° P·P±CfPrP¶PµPSPSCḡ PíCḡPë
PsPrPSPsC†P°CíPSPsPjCf P·P°CíC,PscíCfPIP°PSPSC- CíPµCḡC,CḡP°P»C-PSCf C,P°
CíCfPjP°C,CḡPëPíC,P°PSCf. PýPëPjPíC,PsPjPë CíPµCḡPsC,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·CḡCḡC,CHCḡCḡ P· CḡC±P°CḡC,Cḡ
C†PēC,PsC...CḡPsPjCḡ 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°CḡCḡC%C- PIP·P°C”PjPsPrC-C— PjPsPḡCḡC,CH
PIC-PrP±CḡPIP°C,PēCḡCḡ P· C-PSCēPēPjPē CḡCḡP±CḡC,CḡP°C,P°PjPē PŸYP 2D6 P·
PICḡP·CHPePēPjPē 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°CḡCḡC%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”,CHCḡCḡ CḡPμP·CḡP»CHC,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»CHC,P°C,Pē PrPsCḡP»C-PrPḡPμPSCḡ *in vitro*
CḡPIC-PrC†P°C,CH 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,CḡCHPsC... 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±
CḡPīPsPSCḡCHPePsC— PSP°C†C-PsPSP°P»CHPSPsCḡC,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«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P’PēC...PsPrCḡC†Pē P· CḡPμP·CḡP»CHC,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,CH P·PSP°C†PSPs P±C-P»CHCēPsPiPs
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»CTHC†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,PsCTH 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»CTHC†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»CTHC†P°CTHC†Pē C,PμCTHP°PiC-CTH
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°PīPsPSC-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±PSPsPīPs CÍC,P°PSCÍ (PSP°PīCĤPëPeP»P°Pr, P·P±CÍPrP¶PµPSPSCÍ,
 PīP°P»CĤC†PëPSP°C†C-C—, PePsPjP°), PīPsCĤCÍCëPµPSPSCÍ P· P±PsPeCÍ
 PIPµPīPµC,P°C,PëPIPSPSc— PSPµCĤPIPSPsPSC— CÍPëCÍC,PµPjPë (C,P°C...C-PeP°CĤPrC-CÍ,
 P·PjC-PSPë P°CĤC,PµCĤC-P°P»CHPSPsPīPs C,PëCÍPeCÍ, PīC-PīPµCĤC,PµCĤPjC-CÍ),
 PSPµCĤPIPSPsPj`CÍP·PsPIC- PīPsCĤCÍCëPµPSPSCÍ (PīC-PīPµCĤCĤPµC,,P»PµPeCÍC-CÍ,
 PīPsCĤCÍCëPµPSPSCÍ PePsPsCĤPrPëPSP°C†C-C—) C,P°/P°P±Ps PīPsCĤCÍCëPµPSPSCÍ P·
 P±PsPeCÍ PsCĤPīP°PSC-PI C,CĤP°PIP»PµPSPSCÍ (PSCÍPrPsC,P°, P±P»CĤPIP°PSPSCÍ,
 PrC-P°CĤPµCÍ). P”PµCÍPeC- PīCĤPsCÍPIPë CÍPµCĤPsC,PsPSC-PSPsPīPsPīPs
 CÍPëPSPPrCĤPsPjCÍ, PIPëP»CĤC±P°CĤC±Pë PīC-PīPµCĤC,PµCĤPjC-CĤ, CĤPëPīC-PrPSC-CÍC,CH
 Pj`CÍP·C-PI, P·PjC-PSPë P· P±PsPeCÍ PIPµPīPµC,P°C,PëPIPSPSc— PSPµCĤPIPSPsPSC—
 CÍPëCÍC,PµPjPë C,P° P·PjC-PSPë PīCÍPëC...C-C±PSPsPīPs CÍC,P°PSCÍ PīPsPrC-P±PSC- PrPs
 PīCĤPsCÍPIC-PI P·P»PsCÍPeC-CÍPSPsPīPs PSPµPµCĤPsP»PµPīC,PëC±PSPsPīPs
 CÍPëPSPPrCĤPsPjCÍ. Pj PīP°C†C-C”PSC,C-PI CÍP»C-Pr PīCĤPsPīPsPrPëC,Pë
 PjPsPSC-C,PsCĤPëPSPi PSP° PSP°CÍPIPSC-CÍC,CH PsP·PSP°Pe C,P° CÍPëPjPīC,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... PīCĤPµPīP°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»CHPSPsPīPs C±P°CÍCÍ
 PīPµCĤPµPeP»CĤC±PµPSPSCÍ P· PŸP†P—P—PŸ, P°PSC,PëPrPµPīCĤPµCÍP°PSC,C-PI P°P±Ps
 P°PSC,PëPsP±CÍPµCÍPëPIPSPëC... PīCĤPµPīP°CĤP°C,C-PI PSP° CÍPµCĤC,CĤP°P»C-PS.
 PŸP»C-Pr PīCĤPsPīPsPrPëC,Pë PSP°P»PµP¶PSPëPµ PjPµPrPëC±PSPëPµ PSP°PīP»CÍPr PīCĤPë
 C,P°PePëC... P·PjC-PSP°C... P»C-PeCÍPIP°PSPSCÍ, PsCÍPsP±P»PëPīPs PīCĤPë
 PīPµCĤPµC...PsPrC- PSP° CÍPµCĤC,CĤP°P»C-PS P· C,P°PePëC... PīCĤPµPīP°CĤP°C,C-PI
 C,CĤPëPīP°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,CĤPëPīC,PsC,,P°PS, C,,PµPSC,,P»CĤCĤP°PjC-PS C,P° 5-PǵPŸ-P°PīPsPSC-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,CĤPëPīC,PsC,,P°PSCÍ,
 C,,PµPSC,,P»CÍCĤP°PjC-PSCÍ, C,,PµPSC,P°PSC-P»CÍ, 5-PǵPŸ-P°PīPsPSC-CÍC,C-PI P°P±Ps
 CĤPsCÍP»PëPSPSPëC... PīCĤPµPīP°CĤP°C,C-PI, CÍPeC- PjC-CÍC,CÍC,CH P·PIC-CĤPsP±C-Pµ
 (*Hypericum perforatum*), CÍP»C-Pr PīCĤPsPīPsPrPëC,Pë P· PsP±PµCĤPµP¶PSC-CÍC,CĤ, C-
 C,P°PePsC— PePsPjP±C-PSPsPIP°PSPSc— C,PµCĤP°PīC-C— CÍP»C-Pr (CÍ CĤP°P·C-
 PjPsP¶P»PëPīPsCÍC,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»C¶C¶C-C¶C,C¶
PIPëPíP°PrPeC-PI C¶PíPsC¶C,PμC¶C-PíP°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,C¶ 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,
PIPëP»C¶C‡P°C¶C‡Pë C¶PμC¶C,C¶P°P»C-PS. PýPsPjC¶ C¶P»C-Pr P·
PsP±PμC¶PμP¶PSC-C¶C,C¶ 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"¶C/PíC-PíPsPjP°PSC-C"¶C PI P°PSP°PjPSPμP·C-.
P¿PμPsP±C...C-PrPSPëPN¿ C¶PμC,PμP»C¶PSPëPN¿ PSP°PíP»C¶P¶ P»C-PeP°C¶C¶. PμC¶Pë
PIPëC¶PIP»PμPSPSC- PsP·PSP°Pe PjP°PSC-P°PeP°P»C¶PSPsC— 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"¶C PjPsP¶C¶C,C¶ PíPsC¶PëP»C¶PIP°C,PëC¶C¶ PíC¶PëC...PsC,PëC‡PSC-
C¶PëPjPíC,PsPjPë.

PÝC¿PrPsPjPë

PμC¶Pë C,PμC¶P°PíC-C— C¶PμC¶C,C¶P°P»C-PSPsPj PjPsP¶C¶C,C¶ 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»C¶PSPsC¶ PμPíC-P»PμPíC¶C-C"¶C; C¶ C...PIPsC¶PëC... C-P·
PePsPSC,C¶PsP»C¶PsPIP°PSPsC¶ PμPíC-P»PμPíC¶C-C"¶C P·P°C¶C,PsC¶C¶PIP°PSPSC¶
C¶PμC¶C,C¶P°P»C-PSC¶ PíPsC,C¶PμP±C¶C" C¶PμC,PμP»C¶PSPsPiPs PSP°PíP»C¶P¶C¶.
PμP°C‡C-C"¶PSC,P°Pj, C¶ C¶PePëC... PIPëPSPëPeP°C¶C,C¶ C¶C¶PrPsPjPë, PíC¶PμPíP°C¶P°C,
PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Pë.

*PÝC¿C—C‡PëPrPë/C¶C¿C—C‡PëPrP°P»C¶PSC- PrC¿PjPePë/C¶C¿C—C‡PëPrP°P»C¶PSC-
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"¶C PjP°C¶C,C¶ PíC-PrPIPëC‰PμPSC¶
C¶C...PëP»C¶PSC-C¶C,C¶ PrPs PIPëPSPëPePSPμPSPSC¶ C¶C¶C—C‡PëPrP°P»C¶PSPëC...
PrC¶PjPsPe, P·P°PIP°PíP°PSPSC¶ C¶PsP±C- C¶C¶PePsPrP¶PμPSC¶ C,P° C¶PíC¶PsP±
C¶C¶C—C‡PëPrC¶ (C¶C¶C—C‡PëPrP°P»C¶PSPëC... 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»C¶PePë

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”PSC,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”PSC,C-PI P· C-PSCëPëPjPë
PiC₁PëC...C-C₁PSPëPjPë C₇PsP·P»P°PrP°PjPë.

P’C-PrPsPjPs, C%Ps PrP»C₁ PiP°C₁C-C”PSC,C-PI C-P· C₁C₁C—C₁PëPrP°P»CH₇PSPëPjPë
PrC-C₁PjPë C,P° PiC₇PsC₁PIP°PjPë PI P°PSP°PjPSP₁P·C- P°P±Ps PiP°C₁C-C”PSC,C-PI, C₁
C₁PePëC... C%P₁ PrPs PiPsC₁P°C,PeC₁ C,P₁CH₇P°PiC-C— P·PSP°C₁PSPsC₇ PjC-C₇PsC₇
PIPëC₁PIP»C₁C”C,CH₇C₁C₁ C₁C₁C—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”PSC,C-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”PSC,C-PI PIC-PePsPj PrPs 25 C₇PsPeC-PI PiPsC₇C-PIPSC₁SPs 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”PSC,P°PjPë,
P·PsPeC₇P₁PjP° P·P° PiP°C₁C-C”PSC,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”PSC,C-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
 PİP°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· PİP°C†C-C”PSC,P°PjPë, CĬPeC- PsC,CĤPëPjCÍPIP°P»Pë
 PİP»P°C†PµP±Ps, C†P°CÍC,C-CëPµ 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-CëPµPSPSCĬ 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 PiPsCÍC,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 CëPeC-CĤPSC- PiPµPjPsCĤP°PiC-C†PSC- CĬPIPëC%P°
 (PµPeC...C-PjPsP·Pë C- PiCÍCĤPiCÍCĤP°), C,P° C-PSCëPëC... PiPµPjPsCĤP°PiC-C†PSPëC...
 CĬPIPëC%, C,P°PePëC... CĬPe CëP»CÍPSPePsPiPs-PePëCëPePsPIC- 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»CHCëC-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
 PİPsCĤCÍCëPµPSPSCĬPjPë PI P°PSP°PjPSPµP·C- (PrPëPI. CĤPsP·PrC-P» B«P·P·P°C”PjPsPrC-CĬ
 P· C-PSCëPëPjPë P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- 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'PëPjPïC,PsPjPë
 P±C¶P»Pë P»PµPïPePsPïPs P°P±Ps PïPsPjC-C¶PSPsPïPs 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¶PïPsPj PïPµC¶C€PëC... PeC-P»CHPePsC... PrPSC-PI
 PïC-Cl'P»C¶ PïC¶PëPïPëPSPµPSPSClI C,PµC¶P°PïC-C—, Cr PrCrP¶Pµ
 C¶C-PrPeC-Cl'PSPëC... PIPëPïP°PrPeP°C... C,P°PeC- Cl'PëPjPïC,PsPjPë
 PIC-PrP·PSP°C±P°P»PëCl'C¶ Cr PïP°C†C-C"°PSC,C-PI, C¶PeC- PIPëPïP°PrPePsPIPs
 PïC¶PsPïC¶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'PëPjPïC,PsPjPë PjPëPSP°C¶C,CH
 Cl'P°PjPsCl'C,C-PNëPSPs PïC¶PsC,C¶PïPsPj 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¶PµPePsPjPµPSPrCrC"°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¶PïPsPj 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'PïPsPeC-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'CrP±B¶™ C"°PeC,PëPIPSPs PSPµPïC¶PëC"°PjPSPëPj P°P±Ps PSPµPIP°PjPsPIPSPëPj
 PSPµCl'PïPsPePsC"°Pj C,P° PïPsC,C¶PµP±PsC¶ C¶C¶C...P°C,PëCl'C¶, C°°Ps C±P°Cl'C,Ps
 Cl'CrPïC¶PsPIPsPrP¶CrC"°C,CHCl'C¶ PSPµP·PrP°C,PSC-Cl'C,C¶ Cl'PëPrC-C,Pë C±Pë
 Cl'C,PsC¶C,Pë Cl'PïPsPeC-PNëPSPs. P PëP·PëPe PIPëPSPëPePSPµPSPSClI C,P°PePëC...
 CrCl'PeP»P°PrPSPµPSC¶ PSP°PNëP±C-P»CHC€PëPNë PïC¶PsC,C¶PïPsPj 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'PëPjPïC,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±PSPsPïPs
 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»PµPïPePsPïPs Cl'C,C¶PïPµPSClI Cl'PïPsCl'C,PµC¶C-PïP°P»PsCl'C¶ PïPsPrPsPIP¶PµPSPSClI
 PïPµC¶C-PsPrCr PSP°PïC-PIPIPëPIPµPrPµPSPSClI 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"PSC,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"PSC,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"PSC,P°Pj P·
C,CΠP¶PePsCf PiPμC†C-PSPePsPIPsCf PSPμPrPsCfC,P°C,PSC-CfC,Ch (PrPëPI. CfPsP·PrC-P»
B«PŸPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCΠ C,P° PrPsP·PëB»).

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

PŸPμCfC,CfP°P»C-PS C-PSC,PμPSCfPëPIPsPs PjPμC,P°P±PsP»C-P·CfC"Ch,CbCfCΠ;
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"PSC,C-PI C-P·
PiPsCfCfC€PμPSPSCΠPj C,,CfPSPeC†C-C— PSPëCfPsPe PIC-Pr P»PμPiPePsPiPs PrPs
CfPμCfPμPrPSCbPsPiPs CfC,CfPiPμPSCΠ (PeP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCr 30-60
PjP»/C...PI) P°P±Ps PIC-Pr CfPμCfPμPrPSCbPsPiPs 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€PμPSCb C,,CfPSPeC†C-C— PSPëCfPsPe.

P—P°CfC,PsCfCzPIP°PSPSCΠ PiP°C†C-C"PSC,P°Pj P»C-C,PSCbPsPiPs 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"PSC,C-PI P»C-C,PSCbPsPiPs PIC-PeCf (PIC-PePsPj > 65 CfPsPeC-PI).
PfP°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"PSC,C-PI P»C-C,PSCbPsPiPs 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"PSC,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"PSC,C-PI P»C-C,PSCbPsPiPs 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"PSC,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»Ch. P”PsP·CfPIP°PSPSCЦ C-PSCfCfP»C-PSCf C,P°/P°P±Ps
PiPμChPsChP°P»CHPsPsPiPs PiC-PiPsPiP»C-PePμPjC-CfPSPsPiPs P·P°CfPsP±Cf PjPsP¶Pμ
PiPsC,ChPμP±CfPIP°C,Pē PePsChPēPiCfPIP°PSPSCЦ.

P·P»PμPeC,ChPsCεPsPePsPIP° C,PμChP°PiC-CЦ

PлP»C-PSC-CfPSPēC... PrPsCfP»C-PrP¶PμPSCH, CfPiChЦЦPjPsPIP°PSC- PSP°
PIPēPICfPμPSPSCЦ ChPēP·PēPeC-PI P°P±Ps PiPμChPμPIP°Pi PePsPjP±C-PSPsPIP°PSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCЦ P·PēPŷ C,P° CfPμChC,ChP°P»C-PSCf, PSPμ PiChPsPiPsPrPēP»Pē.

P”ChPμPNēPiC,,ChCžC,PsPIPēPNē CfC-Pe

PhPrPSPsCfP°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCЦ CfPμChC,ChP°P»C-PSCf P·
PiChPμPNēPiC,,ChCfC,PsPIPēPj CfPsPePsPj PSPμ ChPμPePsPjPμPSPrPsPIP°PSPμ (PrPēPI.
ChPsP·PrC-P»B B«P’P·P°C”PjPsPrC-CЦ P· C-PSCεPēPjPē P»C-PeP°ChCfCHPePēPjPē
P·P°CfPsP±P°PjPē C,P° C-PSCεC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

P’P·P°C”PjPsPrC-CЦ P·C- CfPeChPēPSC-PSPiPsPIPēPj P°PSP°P»C-P·PsPj CfPμCfC-

PhC,ChPēPjP°PSC- PiPsPIC-PrPsPjP»PμPSPSCЦ C%PsPrPs C...PēP±PSPs-PiPsP·PēC,PēPIPSPēC...
C-PjCfPSPsP»PsPiC-CfPSPēC... CfPeChPēPSC-PSPiPsPIPēC... C,PμCfC,C-PI CfPμCfC- PSP°
PIPēP·PSP°CfPμPSPSCЦ PIPjC-CfC,Cf P±PμPSP·PsPrC-P°P·PμPiC-PSC-PI Cf
PiP°CfC-C”PSC,C-PI, ЦЦPeC- PiChPēPNēPjP°P»Pē CfPμChC,ChP°P»C-PS. P’PēP±PSPs-
PiPsP·PēC,PēPIPSC- ChPμP·CfP»CHC,P°C,Pē P·CfPjPsPIP»PμPSC- PSPēP·CHPePsCh
CfPiPμCfPēC,,C-CfPSC-CfC,Ch PIPeP°P·P°PSPsPiPs P»P°P±PsChP°C,PsChPSPsPiPs C,PμCfC,Cf
C,P° PjPsP¶CfC,Ch CfPiPsCfC,PμChC-PiP°C,PēCfCЦ PIPiChPsPrPsPIP¶ PeC-P»CHPePsC...
PrC-P± PiC-CfP»CЦ PiChPēPiPēPSPμPSPSCЦ P»C-PeCfPIP°PSPSCЦ CfPμChC,ChP°P»C-PSPsPj.
P”PēC,,PμChPμPSCfC-CHPIP°C,Pē CfPμChC,ChP°P»C-PS PIC-Pr
P±PμPSP·PsPrC-P°P·PμPiC-PSC-PI Cf CfPμCfC- PjPsP¶P»PēPIPs CεP»CЦC...PsPj
PiChPsPiPμPrPμPSPSCЦ CfC,PsCfPSCfPIP°P»CHPsPēC... C,PμCfC,C-PI B” PiP°P·PsPiPsC—
C...ChPsPjP°C,PsPiChP°C,,C-C—/PjP°Cf-CfPiPμPeC,ChPsPjPμC,ChC-C—.

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

PμChPμPiP°ChP°C,Pē PeP»P°CfCf PŷP†P—P—Pŷ, Cf C,PsPjCf CfPēCfP»C-
CfPμChC,ChP°P»C-PS, PjPsP¶CfC,Ch PIPiP»PēPIP°C,Pē PSP° ChPsP·PjC-Ch P·C-PSPēCfC- P·
ChPsP·PIPēC,PePsPj PjC-PrChC-P°P·Cf. PŷP°PePēPNē PμC,,PμPeC, PjPsP¶Pμ
PiChPēP·PiPsPrPēC,Pē PrPs P·PICfP¶PμPSPSCЦ PeCfC,P° PsPeP° P· PiPsPrP°P»CHCεPēPj
PiC-PrPIPēC%PμPSPSCЦPj PIPSCfC,ChC-CεPSCHPsPsCfPSPsPiPs C,PēCfPeCf C,P°
ChPsP·PIPēC,PePsPj P·P°PeChPēC,PsPeCfC,PsPiPsC— PiP»P°CfPePsPjPē, PsCfPsP±P»PēPIPs Cf
PiP°CfC-C”PSC,C-PI P· PIC-PrPiPsPIC-PrPSPsCh CfC...PēP»CHPsC-CfC,Ch.
PŷPμChC,ChP°P»C-PS CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pē P· PsP±PμChPμP¶PSC-CfC,Ch
PiP°CfC-C”PSC,P°Pj C-P· P·P°PeChPēC,PsPeCfC,PsPiPsCh PiP»P°CfPePsPjPsCh C,P°
PiP»P°CfPePsPjPsCh PI P°PSP°PjPSPμP·C-.

***P—P°CfC,PsCfCžPIP°PSPSCЦ Cž PiPμChC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrCžPIP°PSPSCЦ PiChCžPrPrCh.***

P’P°PiC-C,PSC-CfC,Ch

PќPμ C-CfPSCfC” PrPsP±ChPμ PePsPSC,ChPsP»CHPsPIP°PSPēC... PIPēPICfPμPSCH

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»PëPIPs 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— PSPsPIPsPSP°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— PSPsPIPsPSP°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- РrРsСґР»С-РrР¶РµРµРSPSCґ
СґРiС-РrС±Р°С,Сґ РiСґРs РiС-РrСґСґС,РSC-СґС,Сґ РiРiР»РёРiСґ СґРµСґС,СґР°Р»С-РSCґ
РSP° РiСґРёС...РsРјРsС,РsСґРSC- С,,СґРSPeСґС-С—. РґРrРSP°Рe С...РiРsСґРёРј СґР»С-Рr
РrРsС,СґРёРјСґРiР°Р°С,РёСґСґ РsР±РµСґРµРµР¶РSPsСґС,С-, РsСґРёС-Р»СґРeРё Р°Р°СґС-Р±
РјРsР¶Рµ РiРsСґСґСґСґРiР°Р°С,Рё РiСґРёС...С-С±РSC- Р°Р±Рs С,,С-Р·РёС±РSC-
СґРµРµР°СґС-С—, РSPµРsР±С...С-РrРSC- РrР»Сґ РiРёРeРsРSP°РSPSCґ
РiРsС,РµРSCґС-РN°РSPs РSPµР±РµР·РiРµС±РSPёС... Р°Р°РiРrР°РSCH, С,Р°РeРёС... СґРe
СґРiСґР°РiР»С-РSPSCґ Р°РiС,РsРјРsР±С-Р»РјРј Р°Р±Рs СґРsР±РsС,Р° Р·С-РSCёРёРјРё
РјРµС...Р°РSC-Р·РјР°РјРё.

РҰРiРsСґС-Р± Р°Р°СґС,РsСґС±РiР°РSPSCґ С,Р° РrРsР·Рё.

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

РҰР°Р±Р»СґРµСґРµ СґРµСґС,СґР°Р»С»С-РSCґ РјРsР¶РSP° РiСґРёРN°РјР°С,Рё
РSPµР·Р°Р»РµР¶РSPs РiС-Рr РiР¶РёРiР°РSPSCґ С—Р¶С-.

РµРsС±Р°С,РsРe Р»С-РeС±РiР°РSPSCґ

Р"РµРiСґРµСґС-Сґ С,Р° РґРµР

Р·С-РeСґРiР°РSPSCґ СґРµСґС,СґР°Р»С»С-РSPsРј СґР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё Р· РrРsР·Рё
50 РјРi/РrРsР±Сґ.

*РµР°РSC-С±РSC- СґРsР·Р»Р°РР, РµРҰРҰР С,Р° СґРsСґС-Р°Р»С»СґРSPёРN°
С,СґРёРiРsР¶РSPёРN° СґРsР·Р»Р°РР*

Р·С-РeСґРiР°РSPSCґ СґР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё Р· РrРsР·Рё 25 РјРi/РrРsР±Сґ.
Р§РµРµРµРµРµ РrРsР·Сґ СґР»С-Рr РiС-РrРiРёС°РёС,Рё РrРs 50 РјРi 1 СґР°Р·
РSP° РrРsР±Сґ. Р'СґР»Р» РiРsРeР°Р°Р°РSPs, С°Рs С,Р°РeРёРN° СґРµР¶Рё
РrРsР·СґРiР°РSPSCґ Р·РSPёР¶СґС" С±Р°СґС,РsС,Сґ СґРsР·РiРёС,РeСґ РSP°
РiРsС±Р°С,РeРsРiРsРјСґ РµС,Р°РiС- Р»С-РeСґРiР°РSPSCґ РiРsР±С-С±РSPёС... РµС,,РµРeС,С-Рi,
С...Р°СґР°РeС,РµСґРSPёС... РrР»Сґ РiР°РSC-С±РSPёС... СґРsР·Р»Р°РР.

РҰРёС,СґС±РiР°РSPSCґ РrРsР·Рё

*Р"РµРiСґРµСґС-Сґ, РґРµР, РiР°РSC-С±РSC- СґРsР·Р»Р°РР, СґРsСґС-Р°Р»С»СґРSPёРN°
С,СґРёРiРsР¶РSPёРN° СґРsР·Р»Р°РР С,Р° РµРҰРҰР*

Рј РiР°СґС-С"РSC,С-Рi, СґРeС- РSPµ РiС-РrРiРsРiС-РrР°СґС,Сґ РSP° РrРsР·Сґ 50 РјРi,
РµС,,РµРeС, РјРsР¶Рµ Р±СґС,Рё РrРsСґСґРiРsСґС,РёРN° РiСґРё РiС-РrРiРёС°РµРµРSPSC-
РrРsР·Рё. РљРsСґРµСґС-Сґ РrРsР·Рё СґР»С-Рr СґРsР·РiРsС±РёРSP°С,Рё РSPµ
СґР°РSC-СёРµ, РSC-Р¶ С±РµСґРµРµРµРµ 1 С,РёР¶РµРµРµ Р»С-РeСґРiР°РSPSCґ,
Р·С-Р»СґСґСґСґ С—С— РiРsСґС,СґРiРsРiРs РiРs 50 РјРi Р· РiСґРsРјС-Р¶РeР°РјРё
С,СґРёРiР»С»С-СґС,Сґ РiСґРёРSP°РN°РјРsС- Рi РsРrРёРs С,РёР¶РµРµРµРµРµ.
РґР°РeСґРёРјР»Р»С»СґР»РSP° РrРsР·Р° РSPµ РјР°С" РiРµСґРµРiРiРёС°СґРiР°С,Рё
200 РјРi/РrРsР±Сґ. РљРsСґРµСґС-Сґ РrРsР·Рё СґР»С-Рr РiСґРsРiРsРrРёС,Рё РSPµ
С±Р°СґС,С-СёРµ, РSC-Р¶ 1 СґР°Р· РSP° С,РёР¶РµРµРµРµРµ, Р·РiР°Р¶Р°РёСґРё РSP°
РiРµСґС-РsРr РSP°РiС-РiРiРёРiРµРµРµРµРµРSPSCґ СґРµСґС,СґР°Р»С»С-РSCґ, С°Рs
СґС,Р°РSPsРiРёС,Сґ 24 РiРsРrРёРSPё.

$\text{P}_{\mu}\text{C}\text{H}\text{P}\ddot{\text{e}}\text{PSP}_{\mu}\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPsC}\acute{\text{r}}\text{C,C-},\text{C}\acute{\text{r}}\text{PIP}\ddot{\text{e}}\text{P}\ddot{\text{r}}\text{P}\text{eC}\acute{\text{r}}\text{PIC}-\text{PrC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{C,PSPsC}\acute{\text{r}}\text{C,C-}$
 $\text{P}\pm\text{P}^{\circ}\text{P}\P^{\circ}\text{PSPsPiPs}\text{P}_{\mu}\text{C}_{,,}\text{P}_{\mu}\text{PeC,C}\acute{\text{r}}\text{PSP}^{\circ}\text{C,P}\gg\text{C}-\text{PiC}\text{H}\text{P}\ddot{\text{e}}\text{PN}_{\text{e}}\text{PsPjC}\acute{\text{r}}\text{PiC}\text{H}\text{P}_{\mu}\text{PiP}^{\circ}\text{C}\text{H}\text{P}^{\circ}\text{C,C}\acute{\text{r}}\text{C}\acute{\text{r}}$
 $\text{PrPsP}\cdot\text{C}-$
 $50\text{PjPi/PrPsP}\pm\text{C}\acute{\text{r}},\text{PjPsP}\P\text{P}\gg\text{P}\ddot{\text{e}}\text{PIP}_{\mu}\text{C}-\text{C}-\text{PiPsPrP}^{\circ}\text{P}\gg\text{CHC}\text{€P}_{\mu}\text{PiC}-\text{PrPIP}\ddot{\text{e}}\text{C}\%_{\text{oo}}\text{P}_{\mu}\text{PSPSC}\P\text{P}\cdot\text{C}-$
 $\text{P}\cdot\text{P}\pm\text{C}-\text{P}\gg\text{CHC}\text{€P}_{\mu}\text{PSPSC}\P\text{PjPrPsP}\cdot\text{P}\ddot{\text{e}}\text{PSP}^{\circ}50\text{PjPiPSP}^{\circ}\text{PrPsP}\pm\text{C}\acute{\text{r}}\text{P}\cdot\text{P}^{\circ}1\text{C}\text{H}\text{P}^{\circ}\text{P}\cdot$
 $\text{PiC}\text{H}\text{PsC,C}\P\text{PiPsPjPeC}-\text{P}\gg\text{CHPePsC}\dots\text{C,P}\ddot{\text{e}}\text{P}\P\text{PSC}-\text{PI.P}_{\text{H}}\text{P}^{\circ}\text{PeC}\acute{\text{r}}\text{P}\ddot{\text{e}}\text{PjP}^{\circ}\text{P}\gg\text{CHPSP}^{\circ}\text{PrPsP}\cdot\text{P}^{\circ}$
 $\text{C}\acute{\text{r}}\text{C,P}^{\circ}\text{PSPsPIP}\ddot{\text{e}}\text{C,CHPrPs}200\text{PjPi/PrPsP}\pm\text{C}\acute{\text{r}}.$

PhPrPSP°Pe, PiCTjPe PiC-PrPIPeC%oPμPSPSC- PrPsP·Pe PiPsPSP°Pr 50 PjPi Cr
PiPμPrC-P°C,CTjC-C— CÍP»C-Pr PICtjP°C...PsPICrPIP°C,Pe P·P°PiP°P»PsPj PSPeP¶C†Cr PjP°CÍCr
C,C-P»P° PrC-C,PμPNē PiPsCTjC-PIPsC¶IPSPs P· PrPsCTjPsCÍP»PePjPe. PkPμ CÍP»C-Pr
P·PjC-PSCHPIP°C,Pe PrPsP·Cr C†P°CÍC,C-CePμ, PSC-P¶ 1 CTjP°P· PSP° C,PeP¶PrPμPSCH.

P·C,,PμPeC,PePIPsC-CÍC,CH PiCTjPμPiP°CTjP°C,Cr Cr PrC-C,PμPNē P· PIPμP»PePePj
PrPμPiCTjPμCÍP»PePIPsPj 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- (PrPePI. B«PhCÍPsP±P»PePIPsCÍC,C-
P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍCzPIP°PSPSC¶ PiP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCz

PμP°C†C-C°PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCr PiCTjPμPiP°CTjP°C, CÍP»C-Pr
P·P°CÍC,PsCÍPsPICrPIP°C,Pe P· PsP±PμCTjPμP¶PSC-CÍC,CH, PsCÍPeC-P»CHPePe C†C-
PiP°C†C-C°PSC,Pe PjPsP¶C†C,CH PjP°C,Pe PiC-PrPIPeC%oPμPSPePNē CTjPeP·PePe
CTjPsP·PIPeC,PeCr PiC-PiPsPSP°C,CTjC-C°PjC-C— (PrPePI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PePIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍCzPIP°PSPSC¶ PiCTjPe PiPμC†C-PSPePsPIC-PNē PSPμPrPsCÍC,P°C,PSPsCÍC,C-

PŸP»C-Pr P±CrC,Pe PsP±PμCTjPμP¶PSPePjPe PiCTjPe P·P°CÍC,PsCÍCrPIP°PSPSC-
CÍPμCTjC,CTjP°P»C-PSCr C...PIPsCTjPePj P· PiP°C,PsP»PsPiC-C°CH PiPμC†C-PSPePe. PμCTjPe
PiPsCTjCrCePμPSPSC¶C... C,,CrPSPeC†C-C— PiPμC†C-PSPePe PSPμPsP±C...C-PrPSPs
P·PjPμPSCePeC,Pe PrPsP·Cr P°P±Ps C†P°CÍC,PsC,Cr PiCTjPePNēPsPjCr PiCTjPμPiP°CTjP°C,Cr.
PŸPμCTjC,CTjP°P»C-PS PSPμ CÍP»C-Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pe PiP°C†C-C°PSC,P°Pj C-P·
C,C¶P¶PePsCH PiPμC†C-PSPePsPIPsCH PSPμPrPsCÍC,P°C,PSC-CÍC,CH, PsCÍPeC-P»CHPePe
PeP»C-PSC-C†PSC- PrP°PSC- C%oPsPrPs P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPμPiP°CTjP°C,Cr
C,P°PePj C...PIPsCTjPePj PIC-PrCÍCrC,PSC- (PrPePI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PePIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

P—P°CÍC,PsCÍCzPIP°PSPSC¶ PiCTjPe PSPeCTjPePsPIC-PNē PSPμPrPsCÍC,P°C,PSPsCÍC,C-

PμCTjPe PiPsCTjCrCePμPSPSC¶C... C,,CrPSPeC†C-C— PSPeCTjPsPe PePsCTjPePiCrPIP°PSPSC¶
PrPsP·Pe PiCTjPμPiP°CTjP°C,Cr PSPμ PiPsC,CTjC-P±PSPμ (PrPePI. CTjPsP·PrC-P»
B«PhCÍPsP±P»PePIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSC¶B»).

PŸPePjPiC,PsPjPe PIC-PrPjC-PSPe, C¶PeC- CÍPiPsCÍC,PμCTjC-PiP°CHC,CHCÍC¶ PiCTjPe
PiCTjPePiPePSPμPSPSC- C,PμCTjP°PiC-C— CÍPμCTjC,CTjP°P»C-PSPsPj

PŸP»C-Pr CrPSPePeP°C,Pe CTjP°PiC,PsPIPsPiPs PiCTjPePiPePSPμPSPSC¶
P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPμPiP°CTjP°C,Cr. PμCTjPe PiCTjPePiPePSPμPSPSC-
P»C-PeCrPIP°PSPSC¶ CÍPμCTjC,CTjP°P»C-PSPsPj, C%oPsP± P·PjPμPSCePeC,Pe CTjPeP·PePe
CTjPsP·PIPeC,PeCr CTjPμP°PeC†C-PNē CÍPePSPrCTjPsPjCr PIC-PrPjC-PSPe, PrPsP·Cr CÍP»C-Pr
PiPsCÍC,CrPiPsPIPs P·PjPμPSCeCrPIP°C,Pe C%oPsPSP°PNēPjPμPSCePμ PiCTjPsC,C¶PiPsPj 1-2
C,PeP¶PSC-PI (PrPePI. CTjPsP·PrC-P» B«PhCÍPsP±P»PePIPsCÍC,C-
P·P°CÍC,PsCÍCrPIP°PSPSC¶B» C- B«PμPsP±C-C†PSC- CTjPμP°PeC†C-C—B»). PiPeC%oPs
PiC-CÍP»C¶ P·PjPμPSCePμPSPSC¶ PrPsP·Pe PiCTjPμPiP°CTjP°C,Cr P°P±Ps
PiCTjPePiPePSPμPSPSC¶ PNēPsPiPs P·P°CÍC,PsCÍCrPIP°PSPSC¶ P·B¶™ C¶IP»C¶CHC,CHCÍC¶
PSPμCÍC,PμCTjPiPSC- CÍPePjPiC,PsPjPe, PjPsP¶Pμ P±CrC,Pe CTjPsP·PiP»C¶PSCrC,Pμ
PIC-PrPSPsPIP»PμPSPSC¶ P·P°CÍC,PsCÍCrPIP°PSPSC¶ PiCTjPμPiP°CTjP°C,Cr Cr CTjP°PSC-CePμ

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±CfPµCfPëPIPS-
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°PSPSCĬ C€P»CíPSPeP°. P'PëPeP»PëPeP°PSPSCĬ P±P»CĤPIP°PSPSCĬ
PSPµ CĤPµPePsPjPµPSPPrPsPIP°PSPµ. P PµPePsPjPµPSPPrPsPIP°PSPëPµ
PjPsPSC-C,PScĤPëPSPi CÍPµCĤC†PµPIPsC— PrC-CĬP»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"Ĥ.
P'ĤP°C...PsPICíCĤC†Pë P·PSP°C†PSPëPµ PsP±BĤ™ C" Pj CĤPsP·PíPsPrC-P»Cí
CÍPµCĤC,CĤP°P»C-PSCí, C,P°PeC- P·P°C...PsPrPë CĬPe C,,PsCĤCÍPsPIP°PSPëPµ
PrC-CíCĤPµP·, PrC-P°P»C-P·, PíPµPjPsPíPµCĤC,,CíP·C-CĬ P°P±Ps P·P°PjC-PSPSP°
PíPµPjPsC,CĤP°PSCÍC,,CíP·C-CĬ PSP°PICĤCĬPr C†Pë PjPsP¶CíC,CĤ P±CíC,Pë
PePsCĤPëCÍPSPëPjPë.

PµPsP±C-C†PSC- CĤPµP°PeC†C-C—.

Pk°PµC†P°CÍC,C-C€Pµ CÍPíPsCÍC,PµCĤC-PíP°C"C,CĤCÍCĬ C,P°PePëPµ PíPsP±C-C†PSPëPµ
PµC,,PµPeC, CĬPe PSCíPrPsC,P°. PµCĤPë P»C-PeCíPIP°PSPSC- CÍPsC†C-P°P»CĤPSPsPíPs
C,CĤPëPIPsP¶PSPsPíPs CĤPsP·P»P°PrCí CÍPµCĤC,CĤP°P»C-PSPSj Cí 14 % C†PsP»PsPIC-PeC-PI
PIC-PrP·PSP°C†P°P»P°CÍCĬ CÍC,P°C,PµPIP° PrPëCÍC,,CíPSPeC†C-CĬ (PíPsCĤCíC€PµPSPSCĬ
PµCĬPeCíP»CĬC†C-C—) PíPsCĤC-PIPSCĬPSPs P· 0 % PíP°C†C-C"PSC,C-PI, CĬPeC-
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-PµPSPs
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»PëCÍCĬ Cí C...PsPrC- PíCĤPsPIPµPrPµPSPSCĬ PíPsPrPIC-PµPSPëC...
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"Ĥ, CĬPeC-
P±CĤP°P»Pë CíC†P°CÍC,CĤ Cí PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSCĬC....

PkPëP¶C†Pµ PSP°PIPµPrPµPSPs PrP°PSC- PíCĤPs PíPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%Ps
CÍPíPsCÍC,PµCĤC-PíP°P»PëCÍCĬ Cí PíPµCĤC-PsPr PíPsCÍC,CĤPµC"ÍC,CĤP°C†C-PµPSPsPíPs
PSP°PíP»CĬPrCí (C†P°CÍC,PSc,P° C—C... CĤPsP·PIPëC,PeCí PSPµPIC-PrPsPjP°) C- PI C...PsPrC-
PíCĤPsPIPµPrPµPSPSCĬ PíP»P°C†PµP±Ps-PePsPSC,CĤPsP»CĤPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ (Cí CĬPePëC... Cí C†C-P»PsPjCí PIP·CĬP»Pë
CíC†P°CÍC,CĤ 2542 PíP°C†C-C"PSC,Pë, CĬPeC- PsC,CĤPëPjCíPIP°P»Pë CÍPµCĤC,CĤP°P»C-PS,
C- 2145 PíP°C†C-C"PSC,C-PI, CĬPeC- PsC,CĤPëPjCíPIP°P»Pë PíP»P°C†PµP±Ps) P· CíC†P°CÍC,CĤ
C...PIPsCĤPëC... P· PrPµPíCĤPµCÍC-C"Ĥ, 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"µCĬPeC- P· PSPëP¶C†Pµ PSP°PIPµPrPµPSPëC... PíPsP±C-C†PSPëC... CĤPµP°PeC†C-Pµ
PjPsP¶CíC,CĤ P·PjPµPSC€CíPIP°C,PëCÍCĬ P·P° C-PSC,PµPSCÍPëPIPS- CÍC,CĤ C,P°
C†P°CÍC,PSc,PScĤ P·P° CíPjPsPIPë C,CĤPëPIP°P»PsPíPs P»C-PeCíPIP°PSPSCĬ C,P° PSPµ
PíCĤPëP·PIPsPrCĬC,CĤ PrPs PíCĤPëPíPëPSPµPSPSCĬ C,PµCĤP°PíC-C—.

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

РiСҫPsPIPμPrPμPSPSCЦ РiP»P°C†PμP±Ps-PePsPSC,СҫPsP»СҫPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsCҫP»C-PrP¶PμPSCҫ Cr PïP°C†C-C"°PSC,C-PI P·
PrPμPïCҫPμCҫC-C"°Cҫ, PhPҫP , PïP°PSC-C†PSPëPjPë CҫPsP·P»P°PrP°PjPë, PμPҫPҫP C,P°
CҫPsC†C-P°P»CҫPSPëPjPë C,СҫPëPIPsP¶PSPëPjPë CҫPsP·P»P°PrP°PjPë. PкP°PIPμPrPμPSPs
PsP±Bҫ™C"PrPSP°PSC- PrP°PSC- PeP»C-PSC-C†PSPëC... PrPsCҫP»C-PrP¶PμPSCҫ C-
PïC-CҫP»CЦCҫPμC"ҫCҫ,CҫP°C†C-PNëPSPsPiPs PSP°PiP»CЦPrCҫ (C†P°CҫC,PsC,P°
PSPμPIC-PrPsPjP°).

P§P°CҫC,PsC,P° PïPsP±C-C†PSPëC... CҫPμP°PeC†C-PNë PIC-PrPsP±CҫP°P¶PμPSP° CЦPe:
PrCҫP¶Pμ C†P°CҫC,Ps (≥ 1/10); C†P°CҫC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10); PSPμC†P°CҫC,Ps
(PIC-Pr ≥ 1/1000 PrPs < 1/100); CҫC-PrPePs (PIC-Pr ≥ 1/10 000 PrPs < 1/1000); PrCҫP¶Pμ
CҫC-PrPePs (< 1/10 000); PSPμPIC-PrPsPjPs (C†P°CҫC,PsC,Cҫ PSPμ PjPsP¶PSP°
PICҫC,P°PSPsPIPëC,Pë P·P° PSP°CЦPIPSPëPjPë PrP°PSPëPjPë).

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—. P§P°CҫC,Ps: C,,P°CҫPëPSPiC-C,; PSPμC†P°CҫC,Ps:
C-PSC,,PμPeC†C-C— PIPμCҫC...PSC-C... PrPëC...P°P»CҫPSPëC... CөP»CЦC...C-PI, CҫPëPSC-C,;
CҫC-PrPePs: PrPëPIPμCҫC,PëPeCҫP»C-C,, PïP°CҫC,CҫPsPμPSC,PμCҫPëC,, CҫPμCҫPμPrPSC-PNë
PsC,PëC,.

PμCзC...P»PëPSPë PrPsP±CҫPsCЦPeC-CҫPSC- C,P° P·P»PsCЦPeC-CҫPSC- (Cз C,PsPjCз
C†PëCҫP»C- PeC-CҫC,Pë C,P° PïPsP»C-PïPë). P C-PrPePs: PSPsPIPsCҫC,PIPsCҫPμPSPSCЦ
(PïPsPIC-PrPsPjP»CЦP»PsCҫCЦ PïCҫPs PsPrPëPS PIPëPïP°PrPsPe PSPsPIPsCҫC,PIPsCҫPμPSPSCЦ
PI PsPrPSPsPiPs PïP°C†C-C"°PSC,P°, CЦPePëPNë PsC,CҫPëPjCҫPIP°PI CҫPμCҫC,CҫP°P»C-PS,
PïPsCҫC-PIPSЦPSPs P· PIC-PrCҫCҫC,PSC-CҫC,Cҫ C,P°PePëC... PIPëPïP°PrPeC-PI Cҫ
PïCҫCҫPïC- PïP°C†C-C"°PSC,C-PI, CЦPeC- PsC,CҫPëPjCҫPIP°P»Pë PïP»P°C†PμP±Ps).

P— P±PsPeCз CҫPëCҫC,PμPjPë PeCҫPsPIC- C,P° P»C-PjC,,P°C,PëC†PSPsC— CҫPëCҫC,PμPjPë.
P C-PrPePs: P»C-PjC,,P°PrPμPSPsPïP°C,C-CЦ; PSPμPIC-PrPsPjPs:
P»PμPNëPePsPïPμPSC-CЦ, C,CҫPsPjP±PsC†PëC,PsPïPμPSC-CЦ.

P— P±PsPeCз C-PjCзPSPSPsC— CҫPëCҫC,PμPjPë. PкPμC†P°CҫC,Ps: PïC-PrPIPëC%PμPSP°
C†CҫC,P»PëPIC-CҫC,Cҫ; CҫC-PrPePs: P°PSP°C,,C-P»P°PeC,PsC—PrPSP° CҫPμP°PeC†C-CЦ;
PSPμPIC-PrPsPjPs: P°P»PμCҫPiC-CЦ.

P— P±PsPeCз PμPSPPrPsPeCҫPëPSPSPsC— CҫPëCҫC,PμPjPë. PкPμC†P°CҫC,Ps:
PiC-PïPsC,PëCҫPμPsP·; PSPμPIC-PrPsPjPs: PiC-PïPμCҫPïCҫPsP»P°PeC,PëPSPμPjC-CЦ,
CҫPëPSPPrCҫPsPj PSPμP°PrPμPePIP°C,PSPsC— CҫPμPeCҫPμC†C-C—
P°PSC,PëPrC-CҫCҫPμC,PëC†PSPsPiPs PiPsCҫPjPsPSCҫ.

PҫPμC,P°P±PsP»C-C†PSC- C,P° P°P»C-PjPμPSC,P°CҫPSC- CҫPsP·P»P°PrPë. P§P°CҫC,Ps:
P·PSPëP¶PμPSPSCЦ P°PïPμC,PëC,Cҫ, PïPsCҫPëP»PμPSPSCЦ P°PïPμC,PëC,Cҫ*;
CҫC-PrPePs: C†CҫPeCҫPsPIPëPNë PrC-P°P±PμC,,
PiC-PïPμCҫC...PsP»PμCҫC,PμCҫPëPSPμPjC-CЦ, PiC-PïPsPiP»C-PePμPjC-CЦ;
PSPμPIC-PrPsPjPs: PiC-PïPsPSP°C,CҫC-C"°PjC-CЦ, PiC-PïPμCҫPiP»C-PePμPjC-CЦ.

PμCҫPëC...C-C†PSC- PïPsCҫCзCөPμPSPSCЦ. P"ҫP¶Pμ C†P°CҫC,Ps: P±PμP·CҫPsPSPSCЦ (19 %);
C†P°CҫC,Ps: PrPμPïCҫPμCҫC-CЦ*, PrPμPïPμCҫCҫPsPSP°P»C-P·P°C†C-CЦ, PSC-C†PSC-
P¶P°C...Pë, PIC-PrC†CҫC,C,CЦ C,CҫPëPIPsP¶PSPsCҫC,C-*, P·P±CҫPrP¶PμPSPSCЦ*,
PSPμCҫPIPsP·PSC-CҫC,Cҫ, P·PSPëP¶PμPSPSCЦ P»C-P±C-PrPs*, P±CҫCҫPeCҫPëP·Pj;
PSPμC†P°CҫC,Ps: PïP°P»CҫC†PëPSP°C†C-C—*, P°PiCҫPμCҫC-CЦ*, PμPNëC,,PsCҫPëC†PSPëPNë
PSP°CҫC,CҫC-PNë*, P°PïP°C,C-CЦ, PïP°C,PsP»PsPiC-C†PSPμ PjPëCҫP»PμPSPSCЦ; CҫC-PrPePs:
PePsPSPiPμCҫCҫC-PNëPSPëPNë CҫPsP·P»P°Pr, P·P°P»PμP¶PSC-CҫC,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,C₇H 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,C₇H (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). PÿP°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,C₇H 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,C₇H 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»). PÿPiP°P·Pj
 C†PμC₇H₅PμP±C₇H₅P°P»CH₃PSPëC... CfCfPrPëPS (Cf C,PsPjCf C#PëCfP»C— CfPëPSPrC₇H₅PsPj
 CfPePsC₇H₅PjPëPSCfC%PsC— C†PμC₇H₅PμP±C₇H₅P°P»CH₃PSPsC—
 PiP°P·PsPePsPSCfC,C₇H₅PëPeC†C—C— C,P° CfPëPSPrC₇H₅PsPj P₂PsP»P»P°₂H“PαP»PμPjC—PSPiP°).

PμPsC₇H₅CžC€PμPSPSCl₂ P· P±PsPeCž PsC₇H₅PiP°PSC—PI P·PsC₇H₅Cž. P§P°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.
 P§P°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. P§P°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, PīPμPjPsCḡPsPnē, 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-Pnē PsP±PsP»PsPSC†C- CḡPsC,P°; PSPμPIC-PrPsPjPs:
PīP°PSPeCḡPμP°C,PëC,, PjC-PeCḡPsCfPePsPīC-C†PSPëPnē 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»CHḡPSPëPnē PSP°P±CḡCḡPe*, PSP°P±CḡCḡPe
PsP±P»PëC†C†Cḡ, PīCfCḡPīCfCḡP°*, P°P»PsPīPμC†C-Cḡ*, C...PsP»PsPrPSPëPnē PīC-C,,
CfCfC...C-CfC,CH CēPeC-CḡPë, PeCḡPsPīPëPībḡ™ CḡPSPeP°*, CfPīPμCḡP±C-P¶; CḡC-PrPePs:
PrPμCḡPjP°C,PëC,, P±CfP»CHḡPsP·PSPëPnē 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,PëPīPsPIPëPnē 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-Pnē P· P±PsPeCf CēPeC-CḡPë, C,P°PePëC... CḡPe
CfPëPSPrCḡPsPj PŸC,C-PIPμPSCfP°bḡ°P°P¶PsPSCfPsPSP° C,P° C,PsPeCfPëC†PSPëPnē
PμPīC-PrPμCḡPjP°P»CHḡPSPëPnē PSPμPeCḡPsP»C-P·, P°PSPiC-PsPSPμPICḡPsC,PëC†PSPëPnē
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'P'')*.

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.

PjCfP°PIPjPë C,P° PsC,CfCzC'PSPSCI. P C-PrPePs: C,CfP°PIPjP°.

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 CIIPiPëC%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,
PμPjPjP 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·CíCḡC,CH
PĩPsP±C-C±PSC- CıPIPëC%P°, PıPμCḡPμPeP»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
PĩP°CıC-C"°PSC,C-PI P· PrPμPıCḡPμCÍ'C-C"ḡC.

*B B B B B B B B PĩPsP±C-C±PSC- CḡPμP°PeCıC-C—,C%Ps PIPëCıPIP»PμPSP° Cı
PıC-CÍ'P»CıCḡPμC"°CÍ'C,CḡP°CıC-PNëPSPëPNë PıPμCḡC-PsPr.

**B B B B B B B B C±P°CÍ'C,PsC,P° CıPëC... PĩPsP±C-C±PSPëC... CḡPμP°PeCıC-PNë
PIPëP·PSP°CıP°P»P°CÍ'Cı PrP»Cı PeC-P»CHPePsCÍ'C,C- PıP°CıC-C"°PSC,C-PI Cı
PePsPSPeCḡPμC,PSC-PNë PıCḡCıPıC- P·P° CÍ'C,P°C,C,ḡC: CÍ'PμCḡC,CḡP°P»C-PS (1118
C±PsP»PsPIC-PeC-PI, 1424 P¶C-PSPePë), PıP»P°CıPμP±Ps (926 C±PsP»PsPIC-PeC-PI, 1219
P¶C-PSPsPe).

***CıPμPNë PıCḡPsCıPI P·P°CḡPμC"°CÍ'C,CḡPsPIP°PSPëPNë PrP»Cı
C,PμCḡP°PıPμPIC,PëC±PSPsPıPs PeP»P°CÍ'Cı SSRIs/SNRIs (PrPëPI. CḡPsP·PrC-P»Pë
B«PsCÍ'PsP±P»PëPIPsCÍ'C,C- P·P°CÍ'C,PsCÍ'CıPIP°PSPSCıB», B«P·P°CÍ'C,PsCÍ'CıPIP°PSPSCı Cı
PıPμCḡC-PsPr PIP°PıC-C,PSPsCÍ'C,C- C,P° PıPsPrCıPIP°PSPSCı PıCḡCıPrPrḡCḡB»).

*PŸPëPSPPrCḡPsPjPë PIC-PrPjC-PSPë, C%Ps CÍ'PıPsCÍ'C,PμCḡC-PıP°ḡC,CḡCÍ'Cı PıCḡPë
PıCḡPëPıPëPSPμPSPSC- C,PμCḡP°PıC-C— CÍ'PμCḡC,CḡP°P»C-PSPsPj*

PμCḡPëPıPëPSPμPSPSCı C,PμCḡP°PıC-C— CÍ'PμCḡC,CḡP°P»C-PSPsPj
(PsCÍ'PsP±P»PëPIPs Cı PIPëPıP°PrPeCı CḡC-P·PePsPıPs PıCḡPëPıPëPSPμPSPSCı
C,PμCḡP°PıC-C—) P·P°P·PIPëCıP°PNë PıCḡPëP·PIPsPrPëC,CH PrPs CḡPsP·PIPëC,PeCı
CÍ'PëPjPıC,PsPjC-PI PIC-PrPjC-PSPë. PıP°PNëC±P°CÍ'C,C-C€Pμ
PıPsPIC-PrPsPjP»CıP»PsCÍ'Cı PıCḡPs C,P°PeC- PıPsP±C-C±PSC- CıPIPëC%P° CıPe
P·P°PıP°PjPsCḡPsCıPμPSPSCı, CÍ'PμPSCıPsCḡPSC- PıPsCḡCıC€PμPSPSCı
(PIPeP»ḡCḡCıP°ḡCḡCıPë PıP°CḡPμCÍ'C,PμP·C-ḡC), PıPsCḡCıC€PμPSPSCı CÍ'PSCı
(PIPeP»ḡCḡCıP°ḡCḡCıPë P±PμP·CÍ'PsPSPSCı C- CıCı'PeCḡP°PIC-
CÍ'PSPsPIPëPrC-PSPSCı), P·P±CıPrP¶PμPSPSCı P°P±Ps PIC-PrCıCıC,C,Cı
C,CḡPëPIPsPıPë, PSCıPrPsC,P° C,P°/P°P±Ps P±P»ḡHIP°PSPSCı, C,CḡPμPjPsCḡ C-
PıPsP»PsPIPSPëPNë P±C-P»CH. PıPe PıCḡP°PIPëP»Ps, CıC- PıPsP±C-C±PSC-
CıPIPëC%P° P±CıP»Pë P»PμPıPePsPıPs P°P±Ps PıPsPjC-CḡPSPsPıPs CÍ'C,CıPıPμPSCı
C,P° PjPëPSP°P»Pë CÍ'P°PjPsCÍ'C,C-PNëPSPs; PsPrPSP°Pe Cı PrPμCıPePëC...
PıP°CıC-C"°PSC,C-PI PIPsPSPë PjPsP¶CıC,CH P±CıC,Pë C,CıP¶PePëPjPë C,P°/P°P±Ps
C,CḡPëPIP°P»PëPjPë. Pj P·PIBḡ™ CıP·PeCı P· CıPëPj Cı PIPëPıP°PrPeP°C..., PePsP»Pë
P±C-P»CHC€Pμ PSPμPjP°C"° PSPμPsP±C...C-PrPSPsCÍ'C,C- Cı C,PμCḡP°PıC-C—
CÍ'PμCḡC,CḡP°P»C-PSPsPj, CḡPμPePsPjPμPSPPrCıC"°C,CHCÍ'Cı PıPsCÍ'C,CıPıPsPIP°
PIC-PrPjC-PSP° PıCḡPμPıP°CḡP°C,Cı C€P»CıC...PsPj PıPsPμC,P°PıPSPsPıPs
P·PSPëP¶PμPSPSCı PrPsP·Pë (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPıPsCÍ'C-P±
P·P°CÍ'C,PsCÍ'CıPIP°PSPSCı C,P° PrPsP·PëB» C,P° B«PıCı'PsP±P»PëPIPsCÍ'C,C-
P·P°CÍ'C,PsCÍ'CıPIP°PSPSCıB»).

P—P°CÍ'C,PsCÍ'CıPIP°PSPSCı PıP°CıC-C"°PSC,P°Pj P»C-C,PSCHPsPıPs PIC-PeCı

P—P°CÍ'C,PsCÍ'CıPIP°PSPSCı CÍ'PμP»PμPeC,PëPIPSPëC... C-PSPıC-P±C-C,PsCḡC-PI
P·PIPsCḡPsC,PSPsPıPs P·P°C...PsPıP»PμPSPSCı CÍ'PμCḡPsC,PsPSC-PSCı (PŸPıP—P—PŸ) P°P±Ps
C-PSPıC-P±C-C,PsCḡP°PjPë P·PIPsCḡPsC,PSPsPıPs P·P°C...PsPıP»PμPSPSCı
PSPsCḡP°PrCḡPμPSP°P»C-PSCı C- CÍ'PμCḡPsC,PsPSC-PSCı (PıP—P—PıPŸ),

PIPeP»C₇H₄C₄P^oC₇H₄C₄P₆ C₇P₄CH₃C, C₇P^oP»C-PS, P^oC₇P₄C₄C-C₇H₄PIP^oP»PsC₇C₄ P.
 PeP»C-PSC-C₄PSPs P-PSP^oC₄C₇C₄P₆P₆ PIP₆PiP^oPrPeP^oPjP₆ PiC-PiPsPSP^oC, C₇C-C^oPjC-C— C₇
 PiP^oC₄C-C^oPSC, C-PI P»C-C, PSC₇PsPiPs PIC-PeC₇, PI C₇PIPeP₆C... PjPsP₇P₄
 C₇PiPsC₇C, P₄CH₃C-PiP^oC, P₆C₇C₄ PiC-PrPIPeC₄P₆PSP₆P₆ C₇P₆P₆PeC C₇PsP₄PIPeC, PeC₇
 C₄CH₃PsPiPs PiPsP₄C-C₄PSPsPiPs C₇PIPeC₄P^o (PrP₆PI. C₇PsP₄PrC-P»
 B«PhC₇PsP₄P»P₆PIPsC₇C, C- P^oC₇C, PsC₇C₇PIP^oPSPSC₇B»).

P—P^oC₇C, PsC₇C₇PIP^oPSPSC₇ PrC-C, C₇Pj

Pj PiPsPSP^oPr 600 PrC-C, P₄P₆, C₇PIPeC- PsC, C₇P₆PjC₇PIP^oP»P₆ C₇P₄CH₃C, C₇P^oP»C-PS,
 P^oP₄PiP^oP»CH₃PSP₆P₆ PiC₇PsC₄, C-P»CH₃ PiPsP₄C-C₄PSP₆C... C₇P₄P^oPeC₄C-P₆ P₄C₇PI C₇
 C₄C-P»PsPjC₇ PiPsPrC-P₄PSP₆P₆ PrPs C, P^oPePsPiPs, C₄Ps C₇PiPsC₇C, P₄CH₃C-PiP^oPIC₇C₄ C₇
 PrPsC₇P»C-PrP₇P₄PSPSC₇C... P. C₇C₄P^oC₇C, C₇ PrPsC₇PsC₇P»P₆C... PiP^oC₄C-C^oPSC, C-PI. Pj
 C...PsPrC- PeP»C-PSC-C₄PSP₆C... PePsPSC, C₇PsP»CH₃PsPIP^oPSP₆C... PrPsC₇P»C-PrP₇P₄PSC₇
 P₄C₇P»P₆ P^oC₇P₄C^oC₇C, C₇PsPIP^oPSC- PSP^oC₇C, C₇PiPSC- PiPsP₄C-C₄PSC- C₇P₄P^oPeC₄C-C—
 (PeC-P»CH₃PeC-C₇C, CH₃ PiP^oC₄C-C^oPSC, C-PI, C₇PIPeC- PiC₇P₆P₆PjP^oP»P₆
 C₇P₄CH₃C, C₇P^oP»C-PS, C₇C, P^oPSPsPIP₆P»P^o 281):

PrC₇P₇P₄ C₄P^oC₇C, Ps (≥1/10): PiPsP»PsPIPSP₆P₆ P₄C-P»CH₃ (22 %), P₄P₄P₄C₇PsPSPSC₇ (21
 %), PrC-P^oC₇P₄C₇ (11 %) C- PSC₇PrPsC, P^o (15 %). P₇P^oC₇C, Ps: (PIC-Pr ≥1/100 PrPs <1/10):
 P₄C-P»CH₃ C₇ PiC₇C₇PrPSC-P₆ PeP»C-C, C₄C-, PjP^oPSC-C₇, PiC-C₇P₄PeC₇C-C₇,
 P₄P»C₇PIP^oPSPSC₇, PIC-PrC₇C₇C, PSC-C₇C, CH₃ P^oPiP₄C, P₆C, C₇, P^oC₄, P₄PeC, P₆PIPSP^o
 P»P^oP₄C-P»CH₃PSC-C₇C, CH₃, P^oPiC₇P₄C₇C-C₇, P₄P₄C₇PrP₇P₄PSPSC₇,
 PSP₄C₇PIPsP₄PSC-C₇C, CH₃, PiPsC₇C₇C₇P₄PSPSC₇ C₇PIP^oPiP₆, P^oPiP^oPjPsC₇PsC₄P₄PSPSC₇,
 PiC-PiP₄C₇PeC-PSP₄P₄C-C₇, PjC-PiC₇P₄PSC₇, C₇PsPSP»P₆PIC-C₇C, CH₃, C, C₇P₄PjPsC₇,
 PiPsC₇C₇C₇P₄PSPSC₇ P₄PsC₇C₇, C₇C₇C...C-C₇C, CH₃ C₇PsC, C-, PrP₆C₇PiP₄PiC₇C-C₇,
 PSC-C₄PSC- P₇P^oC...P₆, PiC-PrPIPeC₄P₆PSP^o PIC, PsPjP»C₇PIP^oPSC-C₇C, CH₃,
 PSP₄C, C₇P₆PjP^oPSPSC₇ C₇P₄C₄C-, PIP₆C₇P₆PiP^oPSPSC₇, P^oPePSP₄, PSPsC₇PsPIP^o
 PeC₇PsPIPsC, P₄C₄P^o, PjP₄C, P₄PsC₇P₆P₄. P₄P₄C₄P^oC₇C, Ps: (PIC-Pr ≥1/1000 PrPs <1/100):
 PiPsPrPsPIP₇P₄PSPSC₇ C-PSC, P₄CH₃PIP^oP»C₇ QT PSP^o P•P₇P^o, C₇C₇C—C₄P₆PrP^oP»CH₃PSC-
 C₇PiC₇PsP₄P₆, C₇C₇PrPsPjP₆, P₄PeC₇C, C₇P^oPiC-C₇P^oPjC-PrPSP₆P₆ C₇PsP₄P»P^oPr,
 PiP^oC₇P₄C₇C, P₄P₄C-C₇, PrP₄PiC₇P₄C₇C-C₇, PiP^oP»C₇C₄P₆PSP^oC₄C-C—, PiC₇C₇PiC₇C₇P^o,
 PiC-PiP₄C₇PIP₄PSC, P₆P»C₇C₄C-C₇, P^oPSP₄PjC-C₇, PiPsC₇C₇C₇P₄PSPSC₇ C₄, C₇PSP₆C₄C-P₆
 PiP₄C₄C-PSP₆P₆, PiC-PrPIPeC₄P₆PSPSC₇ C₇C-PIPSC₇
 P^oP»P^oPSC-PSP^oPjC-PSPsC, C₇P^oPSC₇C₄, P₄CH₃P^oP₆, C₄P₆C₇C, P₆C₄, PiC₇PsC₇C, P₆P₆
 PiP₄C₇PiP₄C₇, PsC, P₆C, P₄PsPIPSC-C₇PSCH₃PsPiPs PIC₇C...P^o, P₄C-P»CH₃ C₇ PIC₇C₇C-,
 P₄C-P»CH₃ PI PsC₄C-, PjC-PrC₇C-P^oP₄, P^oPiP^oP»CH₃PSP₄ PSP₄P₄PrC₇P₇P^oPSPSC₇,
 PiP₄PjP^oC, C₇C₇C-C₇, PiC₇C₇C, C₇P»CH₃PsP-PSP₄ PIP₆C₇P₆PiP^oPSPSC₇, C₇P₆PSC-C₄,
 C, C₇P^oPIPjP^o, P^oPSP₆P₇P₄PSPSC₇ PjP^oC₇P₆ C, C-P»P^o, PiPsC₇PjP₆PeC₇PIP^oPSPSC₇
 PjP₇C₇ C₇P₄C-PI, PSP₄P₄PIPeC₄P₆PSC- C₇PSPsPIP₆PrC-PSPSC₇, P^oPiP^oC, C-C₇,
 P^oP»CH₃P₄C₇PSC₇C₇C-C₇, PiPsP»P^oPeC-C₇C₇C-C₇, PiPsP»C-C₇C₇C-C₇, P₄C-P»CH₃ C₇
 PjPsP»PsC₄PSP₆C... P^oP»PsP^oC... PiPsC₇C₇C₇P₄PSPSC₇ PjP₄PSC₇C, C₇C₇P^oP»CH₃PSPsPiPs
 C₄P₆PeP»C₇, P^oP»PsPiP₄C₄C-C₇, PrP₄C₇PjP^oC, P₆C₄, C₇C₇P^oP₇P₄PSPSC₇ C₇PeC-C₇P₆,
 PSP₄C, P₆PiPsPIP₆P₆ P^oPiP^oC... C₇PeC-C₇P₆, PeC₇PsPiP₆P₇C₇ C₇PSP₆P^o, P₄C₇C₇PeC₇P₆Pj,
 PiC-PiP₄C₇PjC-C₇. P₇P^oC₇C, PsC, P^o PSP₄PIC-PrPsPjP^o: P₄PSC₇C₇P₄P.

*P•C₄, P₄PeC, P₆, C...P^oC₇P^oPeC, P₄CH₃PSC- PrP»C₇ C₄CH₃PsPiPs PeP»P^oC₇C₇
 P»C-PeP^oC₇C₇CH₃PeP₆C... P^oC₇PsP₄C-PI*

Pj C₇P₄P₄C₇P»CH₃C, P^oC, C- PiC₇PsPIP₄PrP₄PSPSC₇ P₄PiC-PrP₄PjC-PsP»PsPiC-C₄PSP₆C...
 PrPsC₇P»C-PrP₇P₄PSC₇, C₄Ps PiP₄C₇P₄PIP^oP₇PSPs PiC₇PsPIPsPrP₆P»P₆ P. C₇C₄P^oC₇C, C₇
 PiP^oC₄C-C^oPSC, C-PI PIC-PePsPj PIC-Pr 50 C₇PsPeC-PI C, P^o C₇C, P^oC₇C₇P₄, P₄C₇PI

PIPëCİPIP»PµPSPëPNë PİC-PrPIPëC%oPµPSPëPNë CĤPëP·PëPe PIPëPSPëPePSPµPSPSCİ PİPµCĤPµP»PsPjC-PI PeC-CİC,PsPe Cr PİP°C†C-C”PSC,C-PI, CİPeC- PsC,CĤPëPjCrPIP°P»Pë PŸP†P—P—PŸ C,P° C,CĤPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPİCĤPµCİP°PSC,Pë. PĤPµC...P°PSC-P·Pj, C%oPs P·CrPjPsPIP»CĤC” PİC-PrPIPëC%oPµPSPSCİ C†CHbPsPiPs CĤPëP·PëPeCr, PSPµPIC-PrPsPjPëPNë.

PµPsPIC-PrPsPjP»PµPSPSCİ PİCĤPs PİC-PrPsP·CĤCĤPIP°PSC- PİPsP±C-C†PSC- CĤPµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSCİ PİCĤPs PİC-PrPsP·CĤCĤPIP°PSC- PİPsP±C-C†PSC- CĤPµP°PeC†C-C— Cr PİC-CİP»CİCĤPµC”CİC,CĤP°C†C-PNëPSPëPNë PİPµCĤC-PsPr C” PIP°P¶P»PëPIPëPj P·P°C...PsPrPsPj. PİPµ PrPsP·PIPsP»CİC” PİCĤPsPrPsPIP¶CrPIP°C,Pë PjPsPSC-C,PsCĤPëPSPİ CİPİC-PIPIC-PrPSPsC€PµPSPSCİ PePsCĤPëCİC,CH/CĤPëP·PëPe PİCĤPë P·P°CİC,PsCİCrPIP°PSPSC- PİCĤPµPİP°CĤP°C,Cr. P>C-PeP°CĤCİPj PİCĤPsPİPsPSCrC”C,CHCİCİ PİPsPIC-PrPsPjP»CİC,Pë PİCĤPs P±CrPrCHb-CİPeC- PİC-PrPsP·CĤCĤPIP°PSC- PİPsP±C-C†PSC- CĤPµP°PeC†C-C—.

PŸPµCĤPjC-PS PİCĤPëPrP°C,PSPsCİC,C-. 3 CĤPsPePë.

PIPjPsPIPë P·P±PµCĤC-PİP°PSPSCİ.

P—P±PµCĤC-PİP°C,Pë PI PsCĤPëPiC-PSP°P»CHbPSC-PNë CrPİP°PePsPIC†C- PİCĤPë C,PµPjPİPµCĤP°C,CrCĤC- PSPµ PIPëC%oPµ 25 B°PŸ Cr PSPµPrPsCİC,CrPİPSPjCr PrP»Cİ PrC-C,PµPNë PjC-CİC†C-.

PjPİP°PePsPIPëP°.

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

PĤP°C,PµPiPsCĤC-Cİ PIC-PrPİCrCİPëCr.B

P—P° CĤPµC†PµPİC,PsPj.

P’PëCĤPsP±PSPëPe.

PŸP°PS PαP°CĤPjP°CİCHCĤC,PëPeP°P» P†PSPrP°CİC,CĤC-P· P>C-PjC-C,PµPr/Sun Pharmaceutical Industries Limited.

PĤC-CİC†PµP·PSP°C...PsPrP¶PµPSPSCİ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPµCİP° PjC-CİC†Cİ PİCĤPsPIP°PrP¶PµPSPSCİ PNëPsPiPs PrC-CİP»CHbPSPsCİC,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.