

PhPSC, PēPSPμPsPiP»P°CīC, PēC±PSC- C, P° C-PjCrPSPsPjPsPrCrP»CħCħC±C- P·P°CīPsP±Pē.
P—P°CīPsP±Pē, C%oPs P·P°CīC, PsCīPsPICrCħC, CħCīCī P rP»Cī
PiPsCħPjPsPSP°P»CħPSPsC— C, PμCħP°PiC—C—. PhPSC, P°PiPsPSC—CīC, Pē PiPsCħPjPsPSC-PI
C, P° P°PSP°P»PsPiC—C±PSC- P·P°CīPsP±Pē. P±PSC€C- P°PSC, P°PiPsPSC—CīC, PēB
PiPsCħPjPsPSC-PI C, P° PiPsPrC—P±PSC- P·P°CīPsP±Pē. PhP±C—CħP°C, PμCħPsPS. PьPsPr
PhPÿPī L02B X03.

PαP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

PḡPμC...P°PSC-P·Pj PrC-C—.

PḡP±C-CḡP°C,PμCḡPsPSCr P°C†PμC,P°C, *in vivo* PjPμC,P°P±PsP»C-P·CrC" C,CHCÍCÍCÍ
PrPs P°P±C-CḡP°C,PμCḡPsPSCr, CÍPePëPNḡ C" C-PSPiC-P±C-C,PsCḡPsPj
P±C-PsCÍPëPSC,PμP·Cr P°PSPrCḡPsPiPμPSCr. P—PsPeCḡPμPjP°,
P°P±C-CḡP°C,PμCḡPsPS PIPëP±C-CḡPePsPIPs PiCḡPëPiPSC-C‡CrC" C,,PμCḡPjPμPSC,
17α-PiC-PrCḡPsPeCÍPëP»P°P·Cr/PŸ17, 20-P»C-P°P·Cr (CYP17). P"°PSPëPNḡ
C,,PμCḡPjPμPSC, PSPμPsP±C...C-PrPSPëPNḡ PrP»CÍ P±C-PsCÍPëPSC,PμP·Cr
P°PSPrCḡPsPiPμPSCr PI C,PeP°PSPëPSP°C... CÍC" C‡PsPe, PePsCḡC-
PSP°PrPSPëCḡPePsPIPëC... P·P°P»PsP· C,P° PiCrC...P»PëPSC- PiCḡPsCÍC,P°C,Pë. CYP17
PeP°C,P°P»C-P·CrC" PiPμCḡPμC,PIPsCḡPμPSPSCÍ PiCḡPμPiPSPμPSPsP»PsPSCr C,P°
PiCḡPsPiPμCÍC,PμCḡPsPSCr PrPs PiPsPiPμCḡPμPrPSPëPeC-PI
C,PμCÍC,PsCÍC,PμCḡPsPSCr, PrPμPiC-PrCḡPsPμPiC-P°PSPrCḡPsCÍC,PμCḡPsPSCr
(P"°P·P·Ph) C- P°PSPrCḡPsCÍC,PμPSPrC-PsPSCr PIC-PrPiPsPIC-PrPSPs C‡PμCḡPμP· 17α-
PiC-PrCḡPsPeCÍPëP»CḡPIP°PSPSCÍ C,P° CḡPsP·C%PμPiP»PμPSPSCÍ
P·PiBḡ™ CÍP·PeCr PŸ17, 20. PμCḡPëPiPSC-C‡PμPSPSCÍ CYP17 C,P°PePsP¶
PiCḡPëP·PIPsPrPëC,CH PrPs PiC-PrPIPëC%PμPSPSCÍB PiCḡPsPrCrPeCrPIP°PSPSCÍ
B PjC-PSPμCḡP°P»PsPePsCḡC,PëPePsC—PrC-PI PSP°PrPSPëCḡPePsPIPëPjPë
P·P°P»PsP·P°PjPë (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

PḡPSPrCḡPsPiPμPSC‡CrC,P»PëPIPëPNḡ CḡP°Pe PiPμCḡPμPrPjC-C...CrCḡPsPIPsC—
P·P°P»PsP·Pë PIC-PrPiPsPIC-PrP°C" PSP° P»C-PeCrPIP°PSPSCÍ, C%Ps P·PSPëP¶CÍC"
CḡC-PIPμPSCḡ P°PSPrCḡPsPiPμPSC-PI. PhPrPSP°Pe C,PμCḡP°PiC-CÍ,
PSP°PiCḡP°PIP»PμPSP° PSP° P·PSPëP¶PμPSPSCÍ CḡC-PIPSCÍ P°PSPrCḡPsPiPμPSC-PI,
P·PsPeCḡPμPjP° P·P°CÍC,PsCÍCÍPIP°PSPSCÍ P°PiPsPSC-CÍC,C-PI
P»CḡC,PμC—PSC-P·CrCḡC‡PsPiPs PiPsCḡPjPsPSCr Bḡ" CḡPëP»C-P·PëPSPi-
PiPsCḡPjPsPSCr (P>P"°P P") P°P±Ps PiCḡPsPIPμPrPμPSPSCÍ PsCḡC...C-PμPeC,PsPjC-C—,
P·PSPëP¶CÍC" PiCḡPsPrCrPeC†C-Cḡ P°PSPrCḡPsPiPμPSC-PI Cr CÍC" C‡PeP°C..., P°P»Pμ
PSPμ PIPiP»PëPIP°C" PSP° PiCḡPsPrCrPeC†C-Cḡ P°PSPrCḡPsPiPμPSC-PI
PSP°PrPSPëCḡPePsPIPëPjPë P·P°P»PsP·P°PjPë P°P±Ps C,PeP°PSPëPSP°PjPë
PiCrC...P»PëPSPë. P>C-PeCrPIP°PSPSCÍ C-P· P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj
P°P±C-CḡP°C,PμCḡPsPSCr P°C†PμC,P°C,Cr P·PSPëP¶CÍC" CÍPëCḡPsPIP°C,PePsPIPëPNḡ
CḡC-PIPμPSCḡ C,PμCÍC,PsCÍC,PμCḡPsPSCr PrPs PSPμPIPëP·PSP°C‡CrPIP°PSPëC...
PiPsPeP°P·PSPëPeC-PI PiCḡPë PsPrPSPsC‡P°CÍPSPsPjCr P·P°CÍC,PsCÍCÍPIP°PSPSC- P·
P°PiPsPSC-CÍC,P°PjPë P>P"°P P" (P°P±Ps P· PiCḡPsPIPμPrPμPSPSCÍPj
PsCḡC...C-PμPeC,PsPjC-C—).

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

P>C-PeP°CḡCÍCHPePëPNḡ P·P°CÍC-P± P·PjPμPSC€CÍC" CḡC-PIPSC-
CÍPëCḡPsPIP°C,PePsPIPsPiPs C,PμCÍC,PsCÍC,PμCḡPsPSCr C,P° C-PSC€PëC...
P°PSPrCḡPsPiPμPSC-PI CÍPëP»CHPSC-C€Pμ, PSC-P¶ P°PiPsPSC-CÍC,Pë P>P"°P P"
P°P±Ps PsCḡC...C-PμPeC,PsPjC-CÍ. P|Pμ C" CḡPμP·CrP»CHC,P°C,PsPj

$C\Gamma P_{\mu}P \gg P_{\mu}PeC, P\ddot{e}PIPSPsPiPs$ $PiC\tilde{H}P\ddot{e}PiPSC - C\ddagger P_{\mu}PSPSC\downarrow$ CYP17,
 $PSP_{\mu}PsP \pm C \dots C - PrPSPsPiPs$ $PrP \gg C\downarrow$ $P \pm C - PsC\Gamma P\ddot{e}PSC, P_{\mu}P \cdot Cr$ $P^{\circ}PSP\tilde{r}C\tilde{H}PsPiP_{\mu}PSCr$.
 $P\check{Y}PiP_{\mu}C\ddagger P\ddot{e}C, C - C\ddagger PSP\ddot{e}PN_{\circ}$ $P^{\circ}PSC, P\ddot{e}PiP_{\mu}PS$ $PiP_{\mu}C\tilde{H}P_{\mu}PrPjC - C \dots CrC\tilde{H}PsPIPsC -$
 $P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e}$ (PSA, $P_{\mu}P\check{Y}P_{\check{H}}$) C'' $P \pm C - PsP \gg PsPiC - C\ddagger PSP\ddot{e}Pj$ $PjP^{\circ}C\tilde{H}PeP_{\mu}C\tilde{H}PsPj$ Cr
 $PiP^{\circ}C\ddagger C - C''PSC, C - PI$ $P \cdot C\tilde{H}P^{\circ}PePsPj$ $PiP_{\mu}C\tilde{H}P_{\mu}PrPjC - C \dots CrC\tilde{H}PsPIPsC -$ $P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e}$. P'
 $C \dots PsPrC - PeP \gg C - PSC - C\ddagger PSPsPiPs$ $PrPsC\Gamma P \gg C - PrP\uparrow P_{\mu}PSPSC\downarrow$ $P\ddagger P\ddagger P\ddagger$ $C, P^{\circ}P \cdot P\ddot{e}$ $P \cdot P^{\circ}$
 $CrC\ddagger P^{\circ}C\Gamma C, C\tilde{H}$ $PiP^{\circ}C\ddagger C - C''PSC, C - PI$ $PiC - C\Gamma P \gg C\downarrow$ $PSP_{\mu}PIPrP^{\circ}P \gg Ps$
 $PiC\tilde{H}PsPIP_{\mu}PrP_{\mu}PSPsC -$ $C \dots C - PjC - PsC, P_{\mu}C\tilde{H}P^{\circ}PiC - C -$ $C - P \cdot$
 $P \cdot P^{\circ}C\Gamma C, PsC\Gamma CrPIP^{\circ}PSPSC\downarrow Pj$ $C, P^{\circ}PeC\Gamma P^{\circ}PSC - PI,$ Cr $PiP^{\circ}C\ddagger C - C''PSC, C - PI,$ $C\downarrow PeC -$
 $PiC\tilde{H}P\ddot{e}PN_{\circ}PjP^{\circ}P \gg P\ddot{e}$ $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $P^{\circ}C\ddagger P_{\mu}C, P^{\circ}C, (38 \%),$
 $PiPsC\tilde{H}C - PIPSC\downarrow PSPs$ $P \cdot PiP^{\circ}C\ddagger C - C''PSC, P^{\circ}PjP\ddot{e},$ $C\downarrow PeC -$ $PiC\tilde{H}P\ddot{e}PN_{\circ}PjP^{\circ}P \gg P\ddot{e}$
 $PiP \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps$ (10 %), $PIC - PrPjC - C\ddagger P^{\circ}P \gg PsC\Gamma C\downarrow$ $P \cdot PSP\ddot{e}P\uparrow P_{\mu}PSPSC\downarrow$ $C\tilde{H}C - PIPSC\downarrow$
 $P_{\mu}P\check{Y}P_{\check{H}}$ PSP_{μ} $PjP_{\mu}PSC\epsilon P_{\mu}$ $PSC - P\uparrow$ PSP° 50 % $PiPsC\ddagger P^{\circ}C, PePsPIPsPiPs$ $C\tilde{H}C - PIPSC\downarrow$.

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC - PSP_{\mu}C, P\ddot{e}PeP^{\circ}.$

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC - PSP_{\mu}C, P\ddot{e}PeCr$ $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ C, P°
 $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $P^{\circ}C\ddagger P_{\mu}C, P^{\circ}C, Cr$ $PrPsC\Gamma P \gg C - PrP\uparrow CrPIP^{\circ}P \gg P\ddot{e}$ $P \cdot P^{\circ}$
 $CrC\ddagger P^{\circ}C\Gamma C, C\tilde{H}$ $P \cdot PrPsC\tilde{H}PsPIP\ddot{e}C \dots$ $PrPsP \pm C\tilde{H}PsPIPsP \gg CHC\ddagger C - PI,$ B $PiP^{\circ}C\ddagger C - C''PSC, C - PI$
 $P \cdot PjP_{\mu}C, P^{\circ}C\Gamma C, P^{\circ}P \cdot CrC\tilde{H}C\ddagger P\ddot{e}Pj$ $C\tilde{H}P^{\circ}PePsPj$ $PiP_{\mu}C\tilde{H}P_{\mu}PrPjC - C \dots CrC\tilde{H}PsPIPsC -$
 $P \cdot P^{\circ}P \gg PsP \cdot P\ddot{e}$ C, P° Cr $PiP^{\circ}C\ddagger C - C''PSC, C - PI$ $P \pm P_{\mu}P \cdot C\tilde{H}P^{\circ}PeCr$ $P \cdot PiP_{\mu}C\ddagger C - PSPePsPIPsC\tilde{H}$
 $P^{\circ}P \pm Ps$ $PSP\ddot{e}C\tilde{H}PePsPIPsC\tilde{H}$ $PSP_{\mu}PrPsC\Gamma C, P^{\circ}C, PSC - C\Gamma C, C\tilde{H}.$ $P_{\check{H}}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$
 $P^{\circ}C\ddagger P_{\mu}C, P^{\circ}C,$ $C\epsilon PIP\ddot{e}PrPePs$ $PjP_{\mu}C, P^{\circ}P \pm PsP \gg C - P \cdot CrC''C, CHC\Gamma C\downarrow$ *in vivo* $PrPs$
 $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr,$ $C\downarrow PeP\ddot{e}PN_{\circ}$ C'' $C - PSPiC - P \pm C - C, PsC\tilde{H}PsPj$
 $P \pm C - PsC\Gamma P\ddot{e}PSC, P_{\mu}P \cdot Cr$ $P^{\circ}PSP\tilde{r}C\tilde{H}PsPiP_{\mu}PSCr$.

$P_{\check{H}}P \pm C\Gamma PsC\tilde{H}P \pm C\ddagger C - C\downarrow.$

$P_{\mu}C - C\Gamma P \gg C\downarrow$ $PiP_{\mu}C\tilde{H}PsC\tilde{H}P^{\circ}P \gg CH\tilde{H}PSPsPiPs$ $P \cdot P^{\circ}C\Gamma C, PsC\Gamma CrPIP^{\circ}PSPSC\downarrow$
 $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $P^{\circ}C\ddagger P_{\mu}C, P^{\circ}C, Cr$ $PSP^{\circ}C, C\%_{\circ}P_{\mu}$ $PjP^{\circ}PeC\Gamma P\ddot{e}PjP^{\circ}P \gg CH\tilde{H}PSP^{\circ}$
 $PePsPSC\ddagger P_{\mu}PSC, C\tilde{H}P^{\circ}C\ddagger C - C\downarrow$ PI $PiP \gg P^{\circ}P \cdot PjC -$ $PeC\tilde{H}PsPIC -$ $PrPsC\Gamma C\downarrow PiP^{\circ}C''C, CHC\Gamma C\downarrow$
 $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P \cdot 2$ $PiPsPrP\ddot{e}PSP\ddot{e}.$

$P - P^{\circ}C\Gamma C, PsC\Gamma CrPIP^{\circ}PSPSC\downarrow$ $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $P^{\circ}C\ddagger P_{\mu}C, P^{\circ}C, Cr$ $C\tilde{H}P^{\circ}P \cdot PsPj$
 $C - P \cdot C - P\uparrow P_{\mu}C\tilde{H}$ $PiPsC\tilde{H}C - PIPSC\downarrow PSPs$ $P \cdot PiC\tilde{H}P\ddot{e}PN_{\circ}PsPjPsPj$ $PiC\tilde{H}P_{\mu}PiP^{\circ}C\tilde{H}P^{\circ}C, Cr$
 $PSP^{\circ}C, C\%_{\circ}P_{\mu}$ $PiC\tilde{H}P\ddot{e}P \cdot PIPsPrP\ddot{e}C, CH$ $PrPs$ 10- $PeC\tilde{H}P^{\circ}C, PSPsPiPs$
 $PiC - PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\downarrow$ AUC C, P° $PjP^{\circ}PN_{\circ}P\uparrow P_{\mu}$ $PrPs$ 17- $PeC\tilde{H}P^{\circ}C, PSPsPiPs$
 $PiC - PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSPSC\downarrow$ C_{max} B $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $PIC - PrPSPsC\Gamma PSPs$
 $C\Gamma P_{\mu}C\tilde{H}P_{\mu}PrPSC\tilde{H}PsPiPs$ $C\Gamma P\ddot{e}C\Gamma C, P_{\mu}PjPSPsPiPs$ $PIPiP \gg P\ddot{e}PICr$
 $P^{\circ}P \pm C - C\tilde{H}P^{\circ}C, P_{\mu}C\tilde{H}PsPSCr$ $P \cdot P^{\circ}P \gg P_{\mu}P\uparrow PSPs$ $PIC - Pr$ $PIPjC - C\Gamma C, Cr$ $P\uparrow P\ddot{e}C\tilde{H}C - PI$ Cr
 $C - P\uparrow C - .$ $P\check{Y}PsPjCr$ $PiC\tilde{H}P\ddot{e}PN_{\circ}PsPj$ $P \gg C - PeP^{\circ}C\tilde{H}C\Gamma CHPePsPiPs$ $P \cdot P^{\circ}C\Gamma PsP \pm Cr$ $PiC - Pr$
 $C\ddagger P^{\circ}C\Gamma C - P\uparrow C -$ $PiPsC, P_{\mu}PSC\ddagger C - PN_{\circ}PSPs$ $PjPsP\uparrow P_{\mu}$ $PiC\tilde{H}P\ddot{e}P \cdot PIP_{\mu}C\Gamma C, P\ddot{e}$ $PrPs$
 $PIP^{\circ}C\tilde{H}C - C\tilde{H}PIP^{\circ}PSPSC\downarrow$ $C\Gamma P\ddot{e}C\Gamma C, P_{\mu}PjPSPsC -$ $PrC - C -$ $PiC\tilde{H}P_{\mu}PiP^{\circ}C\tilde{H}P^{\circ}C, Cr.$
 $P_{\check{H}}C, P\uparrow P_{\mu}, P \gg C - PeP^{\circ}C\tilde{H}C\Gamma CHPeP\ddot{e}PN_{\circ}$ $P \cdot P^{\circ}C\Gamma C - P \pm$ PSP_{μ} $C\Gamma P \gg C - Pr$ $PiC\tilde{H}P\ddot{e}PN_{\circ}PjP^{\circ}C, P\ddot{e}$ $P \cdot$
 $C - P\uparrow P_{\mu}C\tilde{H}, P^{\circ}$ $C\Gamma P \gg C - Pr$ $P \cdot P^{\circ}C\Gamma C, PsC\Gamma PsPICrPIP^{\circ}C, P\ddot{e}$ $C\%_{\circ}PsPSP^{\circ}PN_{\circ}PjP_{\mu}PSC\epsilon P_{\mu}$ $P \cdot P^{\circ}$ 1
 $PiPsPrP\ddot{e}PSCr$ $PrPs$ $P^{\circ}P \pm Ps$ $C\ddagger P_{\mu}C\tilde{H}P_{\mu}P \cdot 2$ $PiPsPrP\ddot{e}PSP\ddot{e}$ $PiC - C\Gamma P \gg C\downarrow$ $C - PrP\ddot{e}.$
 $P\check{Y}P^{\circ}P \pm P \gg P_{\mu}C, PeP\ddot{e}$ $PiPsC, C\tilde{H}C - P \pm PSPs$ $PePsPIC, P^{\circ}C, P\ddot{e}$ PSP_{μ} $C\tilde{H}PsP \cdot P\uparrow PsPICrC\tilde{H}C\ddagger P\ddot{e}$
 C, P° $P \cdot P^{\circ}PiP\ddot{e}PIP^{\circ}C\tilde{H}C\ddagger P\ddot{e}$ $PrPsC\Gamma C, P^{\circ}C, PSCHPsC\tilde{H}$ $PeC - P \gg CHPeC - C\Gamma C, C\tilde{H}$

$P \propto P^{\circ} C_T P_j P^{\circ} P_e P_s P_e C - P S P_{\mu} C, P \ddot{e} P_e C r \quad P^{\circ} P \pm C - C_T P^{\circ} C, P_{\mu} C_T P_s P S C r \quad P^{\circ} C \dagger P_{\mu} C, P^{\circ} C, C r$
 $P_s C \dagger C - P S C T P I P^{\circ} P \gg P \ddot{e} \quad C r \quad P \ddot{i} P^{\circ} C \dagger C - C'' P S C, C - P I \quad P \cdot \quad P S P^{\circ} C \ddot{I} P I P S P_s C T \quad P I \quad P^{\circ} P S P^{\circ} P_j P S P_{\mu} P \cdot C -$
 $P \ddot{i} P_{\mu} C \dagger C - P S P_e P_s P I P_s C T \quad P S P_{\mu} P r P_s C \dot{I} C, P^{\circ} C, P S C - C \dot{I} C, C T \quad P \gg P_{\mu} P \ddot{i} P_e P_s P \ddot{i} P_s \quad P^{\circ} P \pm P_s$

CГPмCГPмPrPSCнPsPiPs CГC, CрPиPмPSCи (PeP»P°CГ Pн C, P° P' P·P° P\$P°PNеP»PrPsPj
 вГ" PиBГ™ Cн PIC-PrPiPsPIC-PrPSPs) C, P° Cр PePsPSC, CГPsP»CHBPSPsC— PiCГCрPiPө
 P·PrPsCГPsPIPөC... PrPsP±CГPsPIPсP»CHC†C-PI. PŸC, CрPiC-PSCH
 CГPөCГC, PмPjPSPсC— PrC-C— P°P±C-CГP°C, PмCГPsPSCр PiC-CГP»Cи
 PsPrPSPсCГP°P·PsPiPsPiPs PiPмCГPsCГP°P»CHBPSPsPiPs P·P°CГC, PsCГCрPIP°PSPSCи
 PiCГPмPiP°CГP°C, Cр PI PrPsP·C- 1000 PjPi PiC-PrPIPөC%оCрPIP°PICГCи
 PiCГPөP±P»PөP·PSPs PSP° 11 % C, P° 260 % Cр PiP°C†C-C"PSC, C-PI P·
 PiPмC±C-PSPePsPiPsCн PSPмPrPsCГC, P°C, PSC-CГC, Cн P»PмPiPePsPiPs C, P°
 CГPмCГPмPrPSCнPsPiPs CГC, CрPiPмPSCи, PIC-PrPiPsPIC-PrPSPs. PŸPмCГPмPrPSC-PNе
 PiPмCГC-PsPr PSP°PiC-PIPIPөPiPмPrPмPSPSCи P°P±C-CГP°C, PмCГPsPSCр
 PiPsPrPsPIP¶CрPIP°PICГCи PiCГPөP±P»PөP·PSPs PrPs 18 PiPsPrPөPS Cр
 PiP°C†C-C"PSC, C-PI P· PiPмC±C-PSPePsPiPsCн PSPмPrPsCГC, P°C, PSC-CГC, Cн
 P»PмPiPePsPiPs CГC, CрPiPмPSCи C- PiCГPөP±P»PөP·PSPs PrPs 19 PiPsPrPөPS Cр
 PiP°C†C-C"PSC, C-PI P· PiPмC±C-PSPePsPiPsCн PSPмPrPsCГC, P°C, PSC-CГC, Cн
 CГPмCГPмPrPSCнPsPiPs CГC, CрPiPмPSCи.

PJ C%оPм PsPrPSPsPjCр PrPsCГP»C-PrP¶PмPSPSC- C,, P°CГPjP°PePsPeC-PSPмC, PөPeCр
 P°P±C-CГP°C, PмCГPsPSCр PIPөPIC±P°P»Pө Cр PiP°C†C-C"PSC, C-PI (n = 8) P· CрP¶Pм
 PSP°CиPIPSсCн PiPмC±C-PSPePsPiPsCн PSPмPrPsCГC, P°C, PSC-CГC, Cн
 C, CиP¶PePsPiPs CГC, CрPiPмPSCи (PeP»P°CГ PŸ P·P° P\$P°PNеP»PrPsPj вГ" PиBГ™ Cн)
 C, P° Cр 8 P·PrPsCГPsPIPөC... PrPsP±CГPsPIPсP»CHC†C-PI P· PSPсCГPjP°P»CHBPSPсCн
 C,, CрPSPөC†C-C" Cн PiPмC±C-PSPePө. PмPsCГC-PIPSиPSPs P·C- P·PrPsCГPsPIPөPjPө
 PrPsP±CГPsPIPсP»CHC†CиPjPө, Cр PiP°C†C-C"PSC, C-PI P· C, CиP¶PePөPj
 PiPsCГCрC€PмPSPSCиPj C,, CрPSPөC†C-PNе PiPмC±C-PSPePө CГPөCГC, PмPjPSPөPNе
 PIPиP»PөPI (AUC) P°P±C-CГP°C, PмCГPsPSCр P·P±C-P»CHC€CрPIP°PICГCи PSP° 600 %,
 P° C,, CГP°PeC†C-Cи PSPмP·PiBГ™ CиP·P°PSPсC— PrC-CнC±PsC— CГPмC±PsPIPөPSPө
 вГ" PSP° 80 %.

PмP°C†C-C"PSC, P°Pj P· PiPмC±C-PSPePsPiPsCн PSPмPrPsCГC, P°C, PSC-CГC, Cн
 P»PмPiPePsPiPs CГC, CрPiPмPSCи PePsCГPөPiCрPIP°PSPSCи PrPsP·Pө PSPм
 PiPsC, CГC-P±PSPs.

PŸP»C-Pr P· PsP±PмCГPмP¶PSC-CГC, Cн P·P°CГC, PsCГPsPICрPIP°C, Pө
 P»C-PөP°CГCнCHPePөPNе P·P°CГC-P± PiP°C†C-C"PSC, P°Pj P· PiPмC±C-PSPePsPiPsCн
 PSPмPrPsCГC, P°C, PSC-CГC, Cн CГPмCГPмPrPSCнPsPiPs CГC, CрPiPмPSCи
 C, CиP¶PePsCГC, C- C- P»PөC€Pм Cр CГP°P·C-, CиPeC%оPs PePsCГPөCГC, CH PIC-Pr
 P»C-PөCрPIP°PSPSCи PiPмCГPмPIP°P¶P°C" PiPsC, PмPSC†C-PNеPSC- CГPөP·PөPePө
 (PrPөPI. CГPsP·PrC-P»Pө B«PŸPiPsCГC-P± P·P°CГC, PsCГCрPIP°PSPSCи C, P° PrPsP·PөB»
 C, P° B«PhCГPsP±P»PөPiPsCГC, C- P·P°CГC, PsCГCрPIP°PSPSCиB».
 PhP±C-CГP°C, PмCГPsPSCр P°C†PмC, P°C, PSPм CГP»C-Pr P·P°CГC, PsCГPsPICрPIP°C, Pө
 PiP°C†C-C"PSC, P°Pj P· C, CиP¶PePsCн PiPмC±C-PSPePsPiPsCн
 PSPмPrPsCГC, P°C, PSC-CГC, Cн (PrPөPI. CГPsP·PrC-P»Pө B«PŸPiPsCГC-P±
 P·P°CГC, PsCГCрPIP°PSPSCи C, P° PrPsP·PөB», B«PмCГPsC, PөPiPsPeP°P·P°PSPSCиB»
 C, P° B«PhCГPsP±P»PөPiPsCГC, C- P·P°CГC, PsCГCрPIP°PSPSCиB».)

PмP°C†C-C"PSC, Pө, Cр CиPePөC... CГPsP·PIPөPIP°C" C, CHCГCи
 PiPмPiP°C, PsC, PsPeCГPөC±PSC-CГC, CH Cр C...PsPrC- P»C-PөCрPIP°PSPSCи,
 PjPsP¶CрC, CH PiPsC, CГPмP±CрPIP°C, Pө PiCГPөP·CрPiPөPSPмPSPSCи

$P \gg C - PeCrPIP^{\circ}PSPSC \downarrow C, P^{\circ} PePsC \downarrow P_{\mu}PeC \uparrow C - C - PrPsP \cdot P \ddot{e} (PrP \ddot{e}PI. C \downarrow PsP \cdot PrC - P \gg P \ddot{e} B \ll P \ddot{Y}PiPsC \uparrow C - P \pm P \cdot P^{\circ}C \uparrow C, PsC \uparrow CrPIP^{\circ}PSPSC \downarrow C, P^{\circ} PrPsP \cdot P \ddot{e}B \gg C, P^{\circ} B \ll PhC \uparrow PsP \pm P \gg P \ddot{e}PIPsC \uparrow C, C - P \cdot P^{\circ}C \uparrow C, PsC \uparrow CrPIP^{\circ}PSPSC \downarrow B \gg).$

$P_{\mu}P^{\circ}C \uparrow C - C''PSC, P \ddot{e} P \cdot PSP \ddot{e}C \downarrow PePsPIPsC \downarrow PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSC - C \uparrow C, C \downarrow.$

$P \propto P^{\circ}C \downarrow PjP^{\circ}PePsPeC - PSP_{\mu}C, P \ddot{e}PeCr P^{\circ}P \pm C - C \downarrow P^{\circ}C, P_{\mu}C \downarrow PsPSC \uparrow P^{\circ}C \uparrow P_{\mu}C, P^{\circ}C, Cr PiPsC \downarrow C - PIPSC \downarrow PIP^{\circ}P \gg P \ddot{e} Cr PiP^{\circ}C \uparrow C - C''PSC, C - PI P \cdot C, P_{\mu}C \downarrow PjC - PSP^{\circ}P \gg CH \downarrow PSPsC \downarrow C \uparrow C, P^{\circ}PrC - C''C \downarrow PSP \ddot{e}C \downarrow PePsPIPsC - PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSPsC \uparrow C, C - PSP^{\circ} PiPsC \uparrow C, C - PM \downarrow PSPsPjCr PiP_{\mu}PjPsPrC - P^{\circ}P \gg C - P \cdot C - C, P^{\circ} PePsPSC, C \downarrow PsP \gg CH \downarrow PSPsC \downarrow PiC \downarrow CrPiPsC \downarrow PiP^{\circ}C \uparrow C - C''PSC, C - PI P \cdot PSPsC \downarrow PjP^{\circ}P \gg CH \downarrow PSPsC \downarrow C, CrPSPeC \uparrow C - C''C \downarrow PSP \ddot{e}C \downarrow PsPe. P \ddot{Y}P \ddot{e}C \uparrow C, P_{\mu}PjPSP \ddot{e}PN \downarrow PIPiP \gg P \ddot{e}PI P^{\circ}P \pm C - C \downarrow P^{\circ}C, P_{\mu}C \downarrow PsPSC \uparrow PiC - C \uparrow P \gg C \downarrow PsPrPSPsC \downarrow P^{\circ}P \cdot PsPIPsPiPs PiP_{\mu}C \downarrow PsC \downarrow P^{\circ}P \gg CH \downarrow PSPsPiPs PiC \downarrow P \ddot{e}PN \downarrow PsPjCr PI PrPsP \cdot C - 1000 PjPi PSP_{\mu} PiC - PrPIP \ddot{e}C \% CrPIP^{\circ}PIC \uparrow C \downarrow Cr PiP^{\circ}C \uparrow C - C''PSC, C - PI P \cdot C, P_{\mu}C \downarrow PjC - PSP^{\circ}P \gg CH \downarrow PSPsC \downarrow C \uparrow C, P^{\circ}PrC - C''C \downarrow PSP \ddot{e}C \downarrow PePsPIPsC - PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSPsC \uparrow C, C -, C \downarrow PeC - P \cdot PSP^{\circ}C ... PsPrC \downarrow C, CHC \uparrow C \downarrow PSP^{\circ} PiP_{\mu}PjPsPrC - P^{\circ}P \gg C - P \cdot C -. P_{\mu}C \downarrow P \ddot{e} P \cdot P^{\circ}C \uparrow C, PsC \uparrow CrPIP^{\circ}PSPSC - PiC \downarrow P_{\mu}PiP^{\circ}C \downarrow P^{\circ}C, Cr PiP^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj P \cdot PSP \ddot{e}C \downarrow PePsPIPsC \downarrow PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSC - C \uparrow C, C \downarrow, PIPeP \gg C \downarrow C \uparrow P^{\circ}C \downarrow P \ddot{e} C, C \downarrow P \downarrow PeCr PSP \ddot{e}C \downarrow PePsPIC \uparrow PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSC - C \uparrow C, CH, Cr P \cdot PSP \ddot{e}P \downarrow P_{\mu}PSPSC - PrPsP \cdot P \ddot{e} PSP_{\mu}PjP^{\circ}C'' PiPsC, C \downarrow P_{\mu}P \pm P \ddot{e}. PhPrPSP^{\circ}Pe C \uparrow P \gg C - Pr P \cdot PsP \pm P_{\mu}C \downarrow P_{\mu}P \downarrow PSC - C \uparrow C, C \downarrow PiC \downarrow P \ddot{e}P \cdot PSP^{\circ}C \uparrow P^{\circ}C, P \ddot{e} P \gg C - PeP^{\circ}C \downarrow C \downarrow CHPeP \ddot{e}PN \downarrow P \cdot P^{\circ}C \uparrow C - P \pm C ... PIPsC \downarrow P \ddot{e}Pj PSP^{\circ} C \downarrow P^{\circ}Pe PiP_{\mu}C \downarrow P_{\mu}PrPjC - C ... CrC \downarrow PsPIPsC - P \cdot P^{\circ}P \gg PsP \cdot P \ddot{e} P \cdot PSP \ddot{e}C \downarrow PePsPIPsC \downarrow PSP_{\mu}PrPsC \uparrow C, P^{\circ}C, PSC - C \uparrow C, C \downarrow C, C \downarrow P \downarrow PePsPiPs C \uparrow C, CrPiP_{\mu}PSC \downarrow, PsC \uparrow PeC - P \gg CHPeP \ddot{e} PeP \gg C - PSC - C \uparrow PSC - PrP^{\circ}PSC - PiC \downarrow Ps P \cdot P^{\circ}C \uparrow C, PsC \uparrow CrPIP^{\circ}PSPSC \downarrow P^{\circ}P \pm C - C \downarrow P^{\circ}C, P_{\mu}C \downarrow PsPSC \uparrow P^{\circ}C \uparrow P_{\mu}C, P^{\circ}C, Cr C, P^{\circ}PeP \ddot{e}Pj PiP^{\circ}C \uparrow C - C''PSC, P^{\circ}Pj PIC - PrC \uparrow CrC, PSC -.$

$P_{\mu}P \gg C - PSC - C \uparrow PSC - C ... P^{\circ}C \downarrow P^{\circ}PeC, P_{\mu}C \downarrow P \ddot{e}C \uparrow C, P \ddot{e}PeP \ddot{e}.$

$P_{\mu}PsPeP^{\circ}P \cdot P^{\circ}PSPSC \downarrow.$

$P_{\mu}C \downarrow P_{\mu}PiP^{\circ}C \downarrow P^{\circ}C, P \ddot{Y}P_{\mu}C \downarrow PsPSC \downarrow P_{\mu}Pr PiPsPeP^{\circ}P \cdot P^{\circ}PSP \ddot{e}PN \downarrow PrP \gg C \downarrow P \cdot P^{\circ}C \uparrow C, PsC \uparrow CrPIP^{\circ}PSPSC \downarrow Cr PePsPjP \pm C - PSP^{\circ}C \uparrow C - C - P \cdot PiC \downarrow P_{\mu}PrPSC - P \cdot PsPSPsPj P^{\circ}P \pm Ps PiC \downarrow P_{\mu}PrPSC - P \cdot PsP \gg PsPSPsPj PrP \gg C \downarrow P \gg C - PeCrPIP^{\circ}PSPSC \downarrow:$

- $PjP_{\mu}C, P^{\circ}C \uparrow C, P^{\circ}P \cdot CrC \downarrow C \uparrow PsPiPs PeP^{\circ}C \uparrow C, C \downarrow P^{\circ}C \uparrow C - PM \downarrow PSPs - C \downarrow P_{\mu}P \cdot P \ddot{e}C \uparrow C, P_{\mu}PSC, PSPsPiPs C \downarrow P^{\circ}PeCr PiP_{\mu}C \downarrow P_{\mu}PrPjC - C ... CrC \downarrow PsPIPsC - P \cdot P^{\circ}P \gg PsP \cdot P \ddot{e} (P_{\mu}P_{\mu}P P P_{\mu}P -) P \cdot P \pm P_{\mu}P \cdot C \uparrow P \ddot{e}PjPiC, PsPjPSP \ddot{e}Pj P^{\circ}P \pm Ps PjB \downarrow C \downarrow PeP \ddot{e}Pj PiP_{\mu}C \downarrow P_{\mu}P \pm C - PiPsPj Cr PrPsC \downarrow PsC \uparrow P \gg P \ddot{e}C ... C \uparrow PsP \gg PsPIC - PeC - PI PiC - C \uparrow P \gg C \downarrow PSP_{\mu}P \cdot P^{\circ}PrPsPIC - P \gg CH \downarrow PSPsPiPs C \downarrow P_{\mu}P \cdot C \uparrow P \gg CHC, P^{\circ}C, Cr P^{\circ}PSPrC \downarrow PsPiP_{\mu}PSPSPsC - PrP_{\mu}PiC \downarrow P \ddot{e}PIP^{\circ}C \uparrow C - PM \downarrow PSPsC - C, P_{\mu}C \downarrow P^{\circ}PiC - C -, C, P^{\circ} C \downarrow PeP \ddot{e}Pj C ... C - PjC - PsC, P_{\mu}C \downarrow P^{\circ}PiC - C \downarrow PeP \gg C - PSC - C \uparrow PSPs PSP_{\mu} PiPsPeP^{\circ}P \cdot P^{\circ}PSP^{\circ};$

- $PjP_{\mu}C, P^{\circ}C \uparrow C, P^{\circ}P \cdot CrC \downarrow C \uparrow PsPiPs PeP^{\circ}C \uparrow C, C \downarrow P^{\circ}C \uparrow C - PM \downarrow PSPs - C \downarrow P_{\mu}P \cdot P \ddot{e}C \uparrow C, P_{\mu}PSC, PSPsPiPs C \downarrow P^{\circ}PeCr PiP_{\mu}C \downarrow P_{\mu}PrPjC - C ... CrC \downarrow PsPIPsC - P \cdot P^{\circ}P \gg PsP \cdot P \ddot{e} (P_{\mu}P_{\mu}P P P_{\mu}P -) Cr PrPsC \downarrow PsC \uparrow P \gg P \ddot{e}C ... C \uparrow PsP \gg PsPIC - PeC - PI, P \cdot P^{\circ}C ... PIPsC \downarrow C \downarrow PIP^{\circ}PSPSC \downarrow C \downarrow PeP \ddot{e}C ... PiC \downarrow PsPiC \downarrow P_{\mu}C \uparrow CrC'' PiC - Pr C \uparrow P^{\circ}C \uparrow P^{\circ}P \pm Ps$

PiC-ClP»Cij PIPsPiPmCTjPmPrPSCHBPsC— C...C-PjC-PsC,PmCTjP°PiC-C— C-P·
P·P°ClC,PsClCíPIP°PSPSCijPj PrPsC†PmC,P°PeClPmP»Cr.

PmCTjPsC,PëPiPsPeP°P·P°PSPSCij.

- PiC-PrPIPëC%PmPSP° C†CrC,P»PëPIC-ClC,CH PrPs PrC-CHC†PsC—
CTjPmC†PsPIPëPSPë P°P±Ps PrPs PrPsPiPsPjC-P¶PSPëC... CTjPmC†PsPIPëPS;
- PIP°PiC-C,PSC-ClC,CH C- CTjPmPiCTjPsPrCrPeC,PëPIPSPëPNë PIC-Pe Cr P¶C-PSPsPe;
- C,CijP¶PeP° PiPmC†C-PSPePsPIP° PSPmPrPsClC,P°C,PSC-ClC,CH (PeP»P°Cl PŸ P·P°
C€PeP°P»PsCH P§P°PNëP»PrP° B¶“ PmB¶™ CH) (PrPëPI. CTjPsP·PrC-P»Pë B«PŸPiPsClC-P±
P·P°ClC,PsClCíPIP°PSPSCij C,P° PrPsP·PëB», B«PhClPsP±P»PëPIPsClC,C-
P·P°ClC,PsClCíPIP°PSPSCijB» C,P° B«PαP°CTjPjP°PePsPeC-PSPmC,PëPeP°B»).
- PŸPmCTjPsPSCCTjPmPr P· PiCTjPmPrPSC-P·PsPSPsPj P°P±Ps PiCTjPmPrPSC-P·PsP»PsPSPsPj
PiCTjPsC,PëPiPsPeP°P·P°PSPëPNë Cr PePsPjP±C-PSP°†C-C— P· Ra-223.

***P·P·P°C”PjPsPrC-Cl P· C-PSC€PëPjPë P»C-PeP°CTjClCHPePëPjPë P·P°ClPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNë.***

P·PiP»PëPI C—P¶C- PSP° P°P±C-CTjP°C,PmCTjPsPSCí P°C†PmC,P°C..

P—P°ClC,PsClCíPIP°PSPSCij PŸPmCTjPsPSCCTjPmPrCr P· C—P¶PmCH P·PSP°C†PSPsCH
PjC-CTjPsCH B P·P±C-P»CHC€CrC” PICíPjPsPeC,CíPIP°PSPSCij
P°P±C-CTjP°C,PmCTjPsPSCí P°C†PmC,P°C,Cr. P·C„PmPeC,PëPIPSC-ClC,CH C,P°
P±PmP·PiPmPeP° P·P°ClC,PsClCíPIP°PSPSCij PiCTjPmPiP°CTjP°C,Cr P· C—P¶PmCH PSPm
PICíC,P°PSPsPIP»PmPSC-, C,PsPjCr C†PmPNë P»C-PeP°CTjClCHPePëPNë P·P°ClC-P± PSPm
PjPsP¶PSP° P·P°ClC,PsClPsPICíPIP°C,Pë CTjP°P·PsPj P· C—P¶PmCH (PrPëPI.
CTjPsP·PrC-P»Pë B«PŸPiPsClC-P± P·P°ClC,PsClCíPIP°PSPSCij C,P° PrPsP·PëB» C,P°
B«PαP°CTjPjP°PePsPeC-PSPmC,PëPeP°B»).

P·P·P°C”PjPsPrC-Cl P· C-PSC€PëPjPë P»C-PeP°CTjClCHPePëPjPë P·P°ClPsP±P°PjPë.

Pj C...PsPrC- PrPsClP»C-PrP¶PmPSPSCij C„P°CTjPjP°PePsPeC-PSPmC,PëC†PSPëC...
PIP·P°C”PjPsPrC-PNë P·P° CrC†P°ClC,CH P·PrPsCTjPsPIPëC...
PrPsP±CTjPsPIPsP»CHC†C-PI, CijPeC- ClPiPsC†P°C,PeCr P·P°ClC,PsClPsPICíPIP°P»Pë
CTjPëC„P°PjPiC-C†PëPS, PiPsC,CíP¶PSPëPNë C-PSPrCrPeC,PsCTj CYP3A4, Cr PrPsP·C-
600 PjPi PSP° PrPsP±Cr PiCTjPsC,CijPiPsPj 6 PrPSC-PI P· PSP°ClC,CíPiPSPsCH
PsPrPSPsCTjP°P·PsPIPsCH PrPsP·PsCH P°P±C-CTjP°C,PmCTjPsPSCí P°C†PmC,P°C,Cr
1000 PjPi, ClPmCTjPmPrPSC-PNë CTjC-PIPmPSCHB AUC P°P±C-CTjP°C,PmCTjPsPSCí PI
PiP»P·P·PjC- PeCTjPsPIC- P·PSPëP¶CíPIP°PICíCij PSP° 55 %.

PŸP»C-Pr CrPSPëPeP°C,Pë P·P°ClC,PsClCíPIP°PSPSCij ClPëP»CHPSPëC...
C-PSPrCrPeC,PsCTjC-PI CYP3A4 (PSP°PiCTjPëPeP»P°Pr C„PmPSC-C,PsC—PS,
PeP°CTjP±P°PjP°P·PmPiC-PS, CTjPëC„P°PjPiC-C†PëPS, CTjPëC„P°P±CrC,PëPS,

CTHPeC,,P°PiPμPSC,PēPS, C,,PμPSPsP±P°CTHP±C-C,P°P», P·PIC-CTHPsP±PsCTH
P·PIPēC±P°PNēPSPsPiPs [*Hypericum perforatum*]) PiC-Pr C±P°Cí P»C-PeCíPIP°PSPSCÍ
PiCTHPμPiP°CTHP°C,PsPj PÿPμCTHPsPSCCTHPμPr, P·P° PIPēPSCÍC,PePsPj PIPēPiP°PrPeC-PI
PIC-PrCíCíC,PSPsCíC,C- C,PμCTHP°PiPμPIC,PēC±PSPsC— P°P»CHC,PμCTHPSP°C,PēPIPē.

Pj PsPeCTHPμPjPsPjCí PeP»C-PSC-C±PSPsPjCí PrPsCíP»C-PrP¶PμPSPSC- P·
CíC±P°CíC,CTH P·PrPsCTHPsPIPēC... PrPsP±CTHPsPIPsP»CHC†C-PI PsPrPSPsC±P°CíPSPμ
P·P°CíC,PsCíCíPIP°PSPSCÍ PePμC,PsPePsPSP°P·PsP»Cí, CíPēP»CHPSPsPiPs
C-PSPiC-P±C-C,PsCTHP° CYP3A4, PSPμ PjP°P»Ps PeP»C-PSC-C±PSPs PIP°P¶P»PēPIPsPiPs
PIPiP»PēPICí PSP° C,,P°CTHPjP°PePsPeC-PSPμC,PēPeCí P°P±C-CTHP°C,PμCTHPsPSCí.

P'PiP»PēPI PSP° C-PSC€C- P»C-PeP°CTHCíCHPeC- P·P°CíPsP±Pē.

PñP±C-CTHP°C,PμCTHPsPS C" C-PSPiC-P±C-C,PsCTHPsPj PiPμC±C-PSPePsPIPēC...
C,,PμCTHPjPμPSC,C-PI CYP2D6 C,P° CYP2C8, P·P° PrPsPiPsPjPsPiPsCTH CÍPePēC...
PIC-PrP±CíPIP°C" C,CHCíCÍCÍ PjPμC,P°P±PsP»C-P·Pj P»C-PeP°CTHCíCHPePēC...
P·P°CíPsP±C-PI. Pj C...PsPrC- PrPsCíP»C-PrP¶PμPSPSCÍ PIPiP»PēPICí
P°P±C-CTHP°C,PμCTHPsPSCí P°C†PμC,P°C,Cí (P· PiCTHPμPrPSC-P·PsPSPsPj) PSP°
PsPrPSPsCTHP°P·PsPICí PrPsP·Cí CíCíP±CíC,CTHP°C,Cí
PrPμPeCíC,CTHPsPjPμC,PsCTHC,,P°PSCí CYP2D6 CíPēCíC,PμPjPSP°
PμPeCíPiPsP·PēC†C-CÍ (AUC) PrPμPeCíC,CTHPsPjPμC,PsCTHC,,P°PSCí
PiC-PrPIPēC%oCíPIP°P»P°CíCÍCÍ PiCTHPēP±P»PēP·PSPs PI 2,9 CTHP°P·P°.
P—PSP°C±PμPSPSCÍ AUC₂₄ B PrPμPeCíC,CTHPsCTHC,,P°PSCí, P°PeC,PēPIPsPiPs
PjPμC,P°P±PsP»C-C,Cí PrPμPeCíC,CTHPsPjPμC,PsCTHC,,P°PSCí,
PiC-PrPIPēC%oCíPIP°P»P°CíCH PiCTHPēP±P»PēP·PSPs PSP° 33 %.

P PμPePsPjPμPSPPrCíC" C,CHCíCÍCÍ P· PsP±PμCTHPμP¶PSC-CíC,CTH
P·P°CíC,PsCíPsPICíPIP°C,Pē PÿPμCTHPsPSCCTHPμPr P· P»C-PeP°CTHCíCHPePēPjPē
P·P°CíPsP±P°PjPē, C%oPs P°PeC,PēPICíCTH C,CHCíCÍCÍ P°P±Ps
PjPμC,P°P±PsP»C-P·CíCTH C,CHCíCÍCÍ CYP2D6, P·PsPeCTHPμPjP° P·
P»C-PeP°CTHCíCHPePēPjPē P·P°CíPsP±P°PjPē, CÍPeC- PjP°CTH C,CH PICíP·CHPePēPNē
C,PμCTHP°PiPμPIC,PēC±PSPēPNē C-PSPPrPμPeCí. PÿPsPjCí CíP»C-Pr
CTHPsP·PiP»CÍPSCíC,Pē PiPēC,P°PSPSCÍ PiCTHPs P·PSPēP¶PμPSPSCÍ PrPsP·Pē
P»C-PeP°CTHCíCHPePsPiPs P·P°CíPsP±Cí, CÍPePēPNē
PjPμC,P°P±PsP»C-P·CíC" C,CHCíCÍCÍ CYP2D6 C,P° PjP°C" PICíP·CHPePēPNē
C,PμCTHP°PiPμPIC,PēC±PSPēPNē C-PSPPrPμPeCí. PÿP°PePēPjPē P»C-PeP°CTHCíCHPePēPjPē
P·P°CíPsP±P°PjPē, P·PsPeCTHPμPjP°, C" PjPμC,PsPiCTHPsP»PsP»,
PiCTHPsPiCTHP°PSPsP»PsP», PrPμP·PēPiCTHP°PjC-PS, PIPμPSP»P°C,,P°PeCíPēPS,
PiP°P»PsPiPμCTHPēPrPsP», CTHPēCíPiPμCTHPēPrPsPS, PiCTHPsPiP°C,,PμPSPsPS,
C,,P»PμPeP°C—PSC-Pr, PePsPrPμC—PS, PsPeCíPēPePsPrPsPS, C,CTHP°PjP°PrPsP»
(C,CTHCHPsPj PsCíC,P°PSPSC-Pj PSPμPsP±C...C-PrPSPēPNē CYP2D6 PrP»CÍ
CíC,PIPsCTHPμPSPSCÍ P°PeC,PēPIPsPēC... P°PSP°P»PiPμP·CíCTH C±PēC...
PjPμC,P°P±PsP»C-C,C-PI).

Pj C...PsPrC- PrPsCíP»C-PrP¶PμPSPSCÍ CYP2C8 P»C-PeP°CTHCíCHPePēC...
PIP·P°C" PjPsPrC-PNē P· CíC±P°CíC,CTH P·PrPsCTHPsPIPēC... PrPsP±CTHPsPIPsP»CHC†C-PI
PiCTHPē P·P°CíC,PsCíCíPIP°PSPSC- PiC-PsPiP»C-C,P°P·PsPSCí P· CTHP°P·PsPIPsCTH
PrPsP·PsCTH 1000 PjPi P°P±C-CTHP°C,PμCTHPsPSCí P°C†PμC,P°C,Cí AUC

PiC-PsPiP»C-C, P°P·PsPSCr P·P±C-P»CHC€CfPIP°P»P°CfCH PSP° 46 %, P° AUC
 PePsP¶PSPsPiPs P· P°PeC, PëPIPSpëC... PjPµC, P°P±PsP»C-C, C-PI
 PiC-PsPiP»C-C, P°P·PsPSCr M-III C, P° M-IV P·PSPëP¶CfPIP°P»P°CfC¶ PSP° 10 %. P—P°
 PiP°C†C-C”PSC, P°PjPë CfP»C-Pr C¶PµC, PµP»CHPSPs CfPiPsCfC, PµC¶C-PiP°C, Pë C%PsPrPs
 PsP·PSP°Pe C, PsPeCfPëC†PSPsCfC, C-, PiPsPIB¶™ C¶P·P°PSPsC— P· PsPrPSPsC†P°CfPSPëPj
 P·P°CfC, PsCfCfPIP°PSPSC¶Pj CfCfP±CfC, C¶P°C, C-PI CYP2C8 P· PICfP·CHPePëPj
 C, PµC¶P°PiPµPIC, PëC†PSPëPj C-PSPPrPµPeCfPsPj. PµC¶PëPeP»P°PrPë P»C-PeP°C¶CfCHPePëC...
 P·P°CfPsP±C-PI, C%Ps PjPµC, P°P±PsP»C-P·CfCHC, CHCfC¶ CYP2C8 б¶
 PiC-PsPiP»C-C, P°P·PsPS C, P° C¶PµPiP°PiP»C-PSC-Pr (PrPëPI. C¶PsP·PrC-P»
 B«PhCfPsP±P»PëPIPsCfC, C- P·P°CfC, PsCfCfPIP°PSPSC¶B»).

P“PsP»PsPIPSC- PjPµC, P°P±PsP»C-C, Pë P°P±C-C¶P°C, PµC¶PsPSCr б¶
 P°P±C-C¶P°C, PµC¶PsPSCr CfCfP»CHC, P°C, C, P° N-PsPeCfPëPr
 P°P±C-C¶P°C, PµC¶PsPSCr CfCfP»CHC, P°C, б¶ in vitro
 PiC¶PsPrPµPjPsPSCfC, C¶CfPIP°P»Pë PiC¶PëPiPSC-C†PµPSPSC¶
 C, C¶P°PSCfPiPsC¶C, PµC¶P° OATP1B1. PiPe PSP°CfP»C-PrPsPe, C†Pµ PjPsP¶Pµ
 PiC¶PëP·PIPµCfC, Pë PrPs PiC-PrPIPëC%PµPSPSC¶ PePsPSC†PµPSC, C¶P°C†C-PNë
 P»C-PeP°C¶CfCHPePëC... P·P°CfPsP±C-PI, C%Ps PiPëPIPsPrC¶C, CHCfC¶ P·P°
 PrPsPiPsPjPsPiPsC¶ OATP1B1. P¶P»C-PSC-C†PSPëC... PrP°PSPëC... PrP»C¶
 PiC-PrC, PiPµC¶PrP¶PµPSPSC¶ C, C¶P°PSCfPiPsC¶C, PµC¶PsP·P°P»PµP¶PSPëC...
 PiP·P°C”PjPsPrC-PNë PSPµPjP°C”.

*P»C-PeP°C¶CfCHPeC- P·P°CfPsP±Pë, C%Ps PiPsPrPsPIP¶C¿CHC, CHC
 C-PSC, PµC¶PIP°P» QT.*

PhCfPeC-P»CHPePë P°PSPrC¶PsPiPµPSPSP° PrPµPiC¶PëPIP°C†C-PNëPSP°
 C, PµC¶P°PiC-C¶ PjPsP¶Pµ PiC¶PëP·PIPµCfC, Pë PrPs PiPsPrPsPIP¶PµPSPSC¶
 C-PSC, PµC¶PIP°P»Cf QT, CfP»C-Pr P· PsP±PµC¶PµP¶PSC-CfC, CH
 P·P°CfC, PsCfPsPICfPIP°C, Pë P¶PµC¶PsPSC¶PµPr P· P»C-PeP°C¶CfCHPePëPjPë
 P·P°CfPsP±P°PjPë, C%Ps PjPsP¶CfC, CH PiPsPrPsPIP¶CfPIP°C, Pë C-PSC, PµC¶PIP°P» QT, P°P±Ps
 P· P»C-PeP°C¶CfCHPePëPjPë P·P°CfPsP±P°PjPë, C%Ps PjPsP¶CfC, CH CfPiC¶PëC†PëPSC¶C, Pë
 C€P»CfPSPsC†PePsPICr C, P°C...C-PeP°C¶PrC-CH C, PëPiCf B«PiC-C¶CfPµC, B», C, P°PePëPjPë
 C¶Pe P°PSC, PëP°C¶PëC, PjC-C†PSC- P·P°CfPsP±Pë PeP»P°CfCf IA (PSP°PiC¶PëPeP»P°Pr,
 C...C-PSPëPrPëPS, PrPëP·PsPiC-C¶P°PjC-Pr) P°P±Ps PeP»P°CfCf III (PSP°PiC¶PëPeP»P°Pr,
 P°PjC-PsPrP°C¶PsPS, CfPsC, P°P»PsP», PrPsC, PµC, PëP»C-Pr, C-P±CfC, PëP»C-Pr),
 PjPµC, P°PrPsPS, PjPsPeCfPëC, P»PsPeCfP°C†PëPS, P°PSC, PëPiCfPëC...PsC, PëC†PSC-
 PiC¶PµPiP°C¶P°C, Pë C, PsC%Ps (PrPëPI. C¶PsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC, C-
 P·P°CfC, PsCfCfPIP°PSPSC¶B»).

P—P°CfC, PsCfC¿PIP°PSPSC¶ P·C- CfPiC-C¶PsPSPsP»P°PeC, PsPSPsPj.

P¶PiC-C¶PsPSPsP»P°PeC, PsPS P·PIB¶™ C¶P·CfC”C, CHCfC¶ P·
 C¶PµC†PµPiC, PsC¶P°PjPë P°PSPrC¶PsPiPµPSCr, C%Ps PjPsP¶Pµ PiC¶PëP·PIPµCfC, Pë
 PrPs PiC-PrPIPëC%PµPSPSC¶ C¶C-PIPSC¶ CfPiPµC†PëC, C-C†PSPsPiPs P°PSC, PëPiPµPSCr
 PiPµC¶PµPrPjC-C...CfC¶PsIPsC— P·P°P»PsP·Pë (PµP¶Ph). PhPrPSPsC†P°CfPSPµ
 P·P°CfC, PsCfCfPIP°PSPSC¶ P· P¶PµC¶PsPSC¶PµPrPsPj PSPµ
 C¶PµPePsPjPµPSPrCfC”C, CHCfC¶.

PhCfPsp±P»PëPIPsCfC,C- P·P°CfC,PsCfC¿PIP°PSPSCII.

PñCñC,PµCñC-P°P»CHñPSP° PiC-PiPµCñC,PµPSP·C-CII, PiC-PiPsPeP°P»C-C" PjC-CII,
P·P°C,CñPëPjPeP° CñC-PrPëPSPë C,P° CfPµCñC†PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH
C†PµCñPµP· PSP°PrP»PëC€PsPe PjC-PSPµCñP°P»PsPePsCñC,PëPePsC-PrC-PI.

PÿPµCñPsPSCñPµPr PjPsP¶Pµ CfPïCñPëC†PëPSPëC,Pë P°CñC,PµCñC-P°P»CHñPSCf
PiC-PiPµCñC,PµPSP·C-Cñ, PiC-PiPsPeP°P»C-C" PjC-Cñ C,P° P·P°C,CñPëPjPeCf
CñC-PrPëPSPë PI PsCñPiP°PSC-P·PjC- (PrPëPI. CñPsP·PrC-P» B«PµPsP±C-C†PSC-
CñPµP°PeC†C-C—B») PIPSP°CfP»C-PrPsPe PïC-PrPIPëC%PµPSPSCII CñC-PIPSCII
PjC-PSPµCñP°P»PsPePsCñC,PëPePsC-PrC-PI, C%Ps C" CñPµP·CfP»CHñC,P°C,PsPj
PïCñPëPiPSC-C†PµPSPSCII CYP17. PhPrPSPsC†P°CfPSPµ P·P°CfC,PsCfC¿PIP°PSPSCII
PePsCñC,PëPePsCfC,PµCñPsC-PrC-PI PïCñPëPiPSC-C†CfC" P°PeC,PëPIPSC-CfC,CH
P°PrCñPµPSPsPePsCñC,PëPePsC,CñPsPïPSPsPiPs PiPsCñPjPsPSCf (PñPñPÿP"), C%Ps
PïCñPëP·PIPsPrPëC,CH PrPs P·PSPëP¶PµPSPSCII C†P°CfC,PsC,Pë C,P° CfC,CfPïPµPSCII
C,CII¶¶PePsCfC,C- C†PëC... PïPsP±C-C†PSPëC... PµC,,PµPeC,C-PI. PÿP»C-Pr P·
PsP±PµCñPµP¶PSC-CfC,Cñ P·P°CfC,PsCfC¿PICfPIP°C,Pë PïCñPµPiP°CñP°C, PïCñPë
P»C-PeCfPIP°PSPSC- PïP°C†C-C"PSC,C-PI, Cf CIIPePëC... P·P°PiPsCfC,CñPµPSPSCII
PsCfPSPsPIPSPsPiPs P·P°C...PIPSCñCñPIP°PSPSCII PjPsP¶Pµ
PïCñPsCIIPIP»CII,C,PëCfCII PïC-PrPIPëC%PµPSPSCII Pj P°CñC,PµCñC-P°P»CHñPSPsPiPs
C,PëCfPeCf, PiC-PiPsPeP°P»C-C" PjC-C" Cñ (PSP° C,P»C- PïCñPëPñPsPjCf
CfPµCñC†PµPIPëC... PiP»C-PePsP·PëPrC-PI) P°P±Ps P·P°C,CñPëPjPePsCñ
CñC-PrPëPSPë, PSP°PïCñPëPeP»P°Pr PïCñPë CfPµCñC†PµPIC-Pñ
PSPµPrPsCfC,P°C,PSPsCfC,C-, C,CII¶¶PeC-Pñ P°P±Ps PSPµCfC,P°P±C-P»CHñPSC-Pñ
CfC,PµPSPsPeP°CñPrC-C—, PSPµC%PsPrP°PIPSPs PïPµCñPµPSPµCfPµPSPsPjCf
C-PSC,,P°CñPeC,C- PjC-PsPeP°CñPrP° P°P±Ps C€P»CfPSPsC†PePsPIC-Pñ
P°CñPëC,PjC-C—, C,P° PïP°C†C-C"PSC,C-PI P· C,CII¶¶PePsCñ PSPëCñPePsPIPsCñ
PSPµPrPsCfC,P°C,PSC-CfC,Cñ.

PÿPµCñPsPSCñPµPr CfP»C-Pr P·P°CfC,PsCfC¿PICfPIP°C,Pë P·
PsP±PµCñPµP¶PSC-CfC,Cñ PïCñPë P»C-PeCfPIP°PSPSC- PïP°C†C-C"PSC,C-PI C-P·
CfPµCñC†PµPIPs-CfCfPrPëPSPSPëPjPë P·P°C...PIPSCñCñPIP°PSPSCII PjPë PI
P°PSP°PjPSPµP·C-. P— PrPsCfP»C-PrP¶PµPSCñ 3-C— C,,P°P·Pë C-P·
P·P°CfC,PsCfC¿PIP°PSPSCII Pj P»C-PeP°CñCfCHPePsPiPs P·P°CfPsP±Cf
PIPëPeP»CñC†P°P»Pë PïP°C†C-C"PSC,C-PI C-P· PSPµPePsPSC,CñPsP»CHñPsPIP°PSPsCñ
PiC-PiPµCñC,PµPSP·C-C" Cñ, PeP»C-PSC-C†PSPs P·PSP°C†CfC%PëPjPë
P·P°C...PIPsCñCñPIP°PSPSCII PjPë CfPµCñC†CII, PïCñPs C%Ps CfPIC-PrC†P°C,CH
C-PSC,,P°CñPeC, PjC-PsPeP°CñPrP° P°P±Ps P°CñC,PµCñC-P°P»CHñPSPµ
C,CñPsPjP±PsCfC,PIPsCñPµPSPSCII PïCñPsC,CIIPIPsPj PsCfC,P°PSPSC-C... 6
PjC-CfCII†C-PI, C,CII¶¶PeP° P°P±Ps PSPµCfC,P°P±C-P»CHñPSP°
CfC,PµPSPsPeP°CñPrC-CII, CfPµCñC†PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH III P°P±Ps
IV C,,CfPSPeC†C-PsPSP°P»CHñPSPsPiPs PeP»P°CfCf P·P° C€PeP°P»PsCñ NYHA
(PñCHñCñ-P™ PsCñPeCfCHPePsC— PeP°CñPrC-PsP»PsPiC-C†PSPsC—
P°CfPsC†C-P°C†C-C—) (PrPsCfP»C-PrP¶PµPSPSCII P· CfC†P°CfC,Cñ
PïP°C†C-C"PSC,C-PI, CIIPePëPj PïPsPïPµCñPµPrPSCñPs P·P°CfC,PsCfC¿PICfPIP°P»Pë
C...C-PjC-PsC,PµCñP°PïC-Cñ) P°P±Ps CfPµCñC†PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH
PIC-Pr II PrPs IV B C,,CfPSPeC†C-PsPSP°P»CHñPSPsPiPs PeP»P°CfCf
(PrPsCfP»C-PrP¶PµPSPSCII P·P° CfC†P°CfC,Cñ PïP°C†C-C"PSC,C-PI P· PIPiPµCñC€Pµ

PrC-P°PiPSPsCfC,PsPIP°PSPëPj CĤP°PePsPj PîPµCĤPµPrPjC-C...CrCĤPsPIPsC—
P·P°P»PsP·Pë P°P±Ps CĬPePëPj C...C-PjC-PsC,PµCĤP°PîC-CĬ PeP»C-PSC-C±PSPs PSPµ
PîPsPeP°P·P°PSP°),B P·PSP°C±PµPSPSCĬ C,,CĤP°PeC†C-C— PIPëPePëPrCr P»C-PIPsPiPs
CëP»CrPSPsC±PeP° < 50 %. P— PrPsCfP»C-PrP¶PµPSCĤ P·P° CrC±P°CfC,CĤ
PîP°C†C-C”PSC,C-PI P· PIPîPµCĤCëPµ PrC-P°PiPSPsCfC,PsPIP°PSPëPj CĤP°PePsPj
PîPµCĤPµPrPjC-C...CrCĤPsPIPsC— P·P°P»PsP·Pë P°P±Ps CĬPePëPj
C...C-PjC-PsC,PµCĤP°PîC-CĬ PeP»C-PSC-C±PSPs PSPµ PîPsPeP°P·P°PSP°
PIPëPeP»CĤC±P°P»Pë PîP°C†C-C”PSC,C-PI P· C,,C-P±CĤPëP»CĬC†C-C”CĤ
PîPµCĤPµPrCfPµCĤPrCĤ C,P° C-PSCëPëPjPë PIPëPrP°PjPë CfPµCĤC†PµPIPëC...
P°CĤPëC,PjC-PNë, CĬPeC- PîPsC,CĤPµP±CfPIP°P»Pë PjPµPrPëC±PSPsPiPs
PIC,CĤCrC±P°PSPSCĬ. P’PµP·PîPµPeP° P·P°CfC,PsCfCrPIP°PSPSCĬ
PîCĤPµPîP°CĤP°C,Cr Cr PîP°C†C-C”PSC,C-PI P· C,,CĤP°PeC†C-C”CĤ PIPëPePëPrCr
P»C-PIPsPiPs CëP»CrPSPsC±PeP° < 50 % P°P±Ps CfPµCĤC†PµPIPsCĤ
PSPµPrPsCfC,P°C,PSC-CfC,CĤ III P°P±Ps IV C,,CrPSPeC†C-PsPSP°P»CĤPSPsPiPs
PeP»P°CfCr P·P° CëPeP°P»PsCĤ NYHA (PrPsCfP»C-PrP¶PµPSPSCĬ P·P° CrC±P°CfC,CĤ
PîP°C†C-C”PSC,C-PI, CĬPePëPj PîPsPiPµCĤPµPrPSCĤPs P·P°CfC,PsCfPsPICfPIP°P»Pë
C...C-PjC-PsC,PµCĤP°PîC-CĤ) C±Pë CfPµCĤC†PµPIPsCĤ PSPµPrPsCfC,P°C,PSC-CfC,CĤ
PIC-Pr P†P† PrPs IV C,,CrPSPeC†C-PsPSP°P»CĤPSPsPiPs PeP»P°CfCr
(PrPsCfP»C-PrP¶PµPSPSCĬ P·P° CrC±P°CfC,CĤ PîP°C†C-C”PSC,C-PI P· PIPîPµCĤCëPµ
PrC-P°PiPSPsCfC,PsPIP°PSPëPj CĤP°PePsPj PîPµCĤPµPrPjC-C...CrCĤPsPIPsC—
P·P°P»PsP·Pë P°P±Ps CĬPePëPj C...C-PjC-PsC,PµCĤP°PîC-CĬ PeP»C-PSC-C±PSPs PSPµ
PîPsPeP°P·P°PSP°) PSPµ PICfC,P°PSPsPIP»PµPSP° (PrPëPI. CĤPsP·PrC-P»
B«PµPsP±C-C±PSC- CĤPµP°PeC†C-C—B»).

PµPµCĤPµPr PîPsC±P°C,PePsPj P»C-PeCrPIP°PSPSCĬ PîP°C†C-C”PSC,C-PI P·C-
P·PSP°C±PSPëPj CĤPëP·PëPePsPj PIPëPSPëPePSPµPSPSCĬ P·P°CfC,C-PNëPSPsC—
CfPµCĤC†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- (PSP°PîCĤPëPeP»P°Pr, C-P·
CfPµCĤC†PµPIPsCĤ PSPµPrPsCfC,P°C,PSC-CfC,CĤ,
PSPµPePsPSC,CĤPsP»CĤPsPIP°PSPsCĤ PiC-PîPµCĤC,PµPSP·C-C”CĤ P°P±Ps
C-CëPµPjC-C±PSPsCĤ C...PIPsCĤPsP±PsCĤ CfPµCĤC†CĬ PI P°PSP°PjPSPµP·C-) C
CfP»C-Pr PîCĤPsPIPµCfC,Pë PsC†C-PSPeCr CfPµCĤC†PµPIPsC—
PrC-CĬP»CĤPSPsCfC,C- (PSP°PîCĤPëPeP»P°Pr, P·P° PrPsPiPsPjPsPiPsCĤ
PµC...PsPeP°CĤPrC-PsPiCĤP°PjPë). PŸP»C-Pr PîCĤPsP»C-PeCrPIP°C,Pë
CfPµCĤC†PµPICr PSPµPrPsCfC,P°C,PSC-CfC,CĤ C,P° PsPiC,PëPjC-P·CrPIP°C,Pë
CfPµCĤC†PµPICr C,,CrPSPeC†C-CĤ PîPµCĤPµPr PîPsC±P°C,PePsPj C,PµCĤP°PîC-C—
PîCĤPµPîP°CĤP°C,PsPj PŸPµCĤPsPSCĤPµPr. PkPµPsP±C...C-PrPSPs
PePsPSC,CĤPsP»CĤPIP°C,Pë P°CĤC,PµCĤC-P°P»CĤPSCr PiC-PîPµCĤC,PµPSP·C-CĤ,
PiC-PîPsPeP°P»C-C”PjC-CĤ C,P° P·P°C,CĤPëPjPeCr CĤC-PrPëPSPë. P’PîCĤPsPrPsPIP¶
P»C-PeCrPIP°PSPSCĬ CfP»C-Pr PIPëPjC-CĤCĤPIP°C,Pë P°CĤC,PµCĤC-P°P»CĤPSPëPNë
C,PëCfPe, CĤC-PIPµPSCĤ PeP°P»C-CĤ, P·P°C,CĤPëPjPeCr CĤC-PrPëPSPë
(P·P±C-P»CĤCëPµPSPSCĬ PjP°CfPë C,C-P»P°, PîPµCĤPëC,,PµCĤPëC±PSPëPNë
PSP°P±CĤCĬPe) C,P° C-PSCëC- PîCĤPsCĬPIPë P·P°CfC,C-PNëPSPsC—
CfPµCĤC†PµPIPsC— PSPµPrPsCfC,P°C,PSPsCfC,C- PePsP¶PSC- 2 C,PëP¶PSC-
PîCĤPsC,CĬPiPsPj PîPµCĤCëPëC... C,CĤCĤPsC... PjC-CfCĬC†C-PI C,P° PI
PîPsPrP°P»CĤCëPsPjCr PePsP¶PSPsPiPs PjC-CfCĬC†CĬ. P’C-PrC...PëP»PµPSPSCĬ
CfP»C-Pr PePsCĤPëPiCrPIP°C,Pë. Pj PîP°C†C-C”PSC,C-PI, Cr CĬPePëC...
CfPîPsCfC,PµCĤC-PiP°P»P°CfCĬ PiC-PîPsPeP°P»C-C”PjC-CĬ PSP° C,,PsPSC-

P»C-PeCfPIP°PSPSCl P»C-PeP°CfCfCHPePëPj P·P°CfPsP±PsPj PÿPµCfPsPSCfPµPr,
CfPiPsCfC,PµCfC-PiP°P»PsCfCf PiPsPrPsPIP¶PµPSPSCl C-PSC,PµCfPIP°P»Cf QT.
PµCfPë PeP»C-PSC-CfPSPs P·PSP°CfCfC%PeC... PIC-PrC...PëP»PµPSPSClC...
C,,CfPSPeCfC-C— CfPµCfCfCf CfP»C-Pr PiCfPsPIPsPrPëC,Pë PIC-PrPiPsPIC-PrPSCf
C,PµCfP°PiC-CH C,P° P·P° PSPµPsP±C...C-PrPSPsCfC,C- CfPsP·PiP»CfPSCfC,Pë
PrPsCfC-P»CHPSC-CfC,CH PiCfPëPiPëPSPµPSPSCl P»C-PeCfPIP°PSPSCl
P»C-PeP°CfCfCHPePëPj P·P°CfPsP±PsPj (PrPëPI. CfPsP·PrC-P» B«PÿPiPsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSCl C,P° PrPsP·PëB»).

P" PµPiP°C,PsC,PsPeCfPëCfPSC-CfC,CH C,P° PiPµCfC-PSPePsPIP°
PSPµPrPsCfC,P°C,PSC-CfC,CH.

PJ C...PsPrC- PeP»C-PSC-CfPSPëC... PrPsCfP»C-PrP¶PµPSCf
PiPsPIC-PrPsPjP»CfP»PsCfCf PiCfPs PIPëPiP°PrPePë PIPëCfP°P¶PµPSPsPiPs
PiC-PrPIPëC%PµPSPSCl CfC-PIPSCl PiPµCfC-PSPePsPIPëC... C,,PµCfPjPµPSC,C-PI,
C%Ps PiPsC,CfPµP±CfPIP°P»Ps PIC-PrPjC-PSPë P»C-PeCfPIP°PSPSCl P°P±Ps
PePsCfPëPiCfPIP°PSPSCl PrPsP·Pë P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf (PrPëPI.
CfPsP·PrC-P» B«PµPsP±C-CfPSC- CfPµP°PeCfC-C—B»). PÿP»C-Pr
PePsPSC,CfPsP»CHPIP°C,Pë CfC-PIPSC- CfPëCfPsPIP°C,PePsPIPëC...
C,CfP°PSCfP°PjC-PSP°P· PiPµCfPµPr P·P°CfC,PsCfCfPIP°PSPSClPj
PiCfPµPiP°CfP°C,Cf PÿPµCfPsPSCfPµPr, P° C,P°PePsP¶ PePsP¶PSC- PrPIP°
C,PëP¶PSC- PiCfPsC,CfPiPsPj PiPµCfCfPëC... C,CfCHPsC... PjC-CfCfCfC-PI
P»C-PeCfPIP°PSPSCl, P° PiPsC,C-Pj Bf" C%PsPjC-CfCfCfCfCf. PJ CfP°P·C-
CfPsP·PIPëC,PeCf PeP»C-PSC-CfPSPëC... CfPëPjPiC,PsPjC-PI P°P±Ps PsP·PSP°Pe, C%Ps
PIPeP°P·CfCHC,CH PSP° CfPsP·PIPëC,PsPe PiPµPiP°C,PsC,PsPeCfPëCfPSPsCfC,C-,
CfP»C-Pr PSPµPiP°PSPs PIPëP·PSP°CfPëC,Pë CfC-PIPµPSCf
CfPëCfPsPIP°C,PePsPIPëC... C,CfP°PSCfP°PjC-PSP°P·. PiPeC%Ps CfC-PIPµPSCf
PiPµCfC-PSPePsPIPëC... C,CfP°PSCfP°PjC-PSP°P· Bf"
P°P»P°PSC-PSC,CfP°PSCfP°PjC-PSP°P·Pë (PjP·Pÿ) C,P°
P°CfPiP°CfC,P°C,C,CfP°PSCfP°PjC-PSP°P·Pë (PjPÿPÿ) PiPµCfPµPIPëC%CfC"
PIPµCfC...PSC-PNë PiPsCfC-Pi PSPsCfPjPë P±C-P»CHCfPµ PSC-P¶ Cf 5 CfP°P·C-PI,
P»C-PeCfPIP°PSPSCl PÿPµCfPsPSCfPµPrPsPj CfP»C-Pr PSPµPiP°PSPs
PiCfPëPiPëPSPëC,Pë C,P° PiCfPsPIPsCfC,Pë CfPµC,PµP»CHPSCf PsCfC-PSPeCf
C,,CfPSPeCfC-C— PiPµCfC-PSPePë. P'C-PrPSPsPIPëC,Pë P»C-PeCfPIP°PSPSCl C-P·
P·P°CfC,PsCfCfPIP°PSPSClPj P·PSPëP¶PµPSPsC— PrPsP·Pë PiCfPµPiP°CfP°C,Cf
PÿPµCfPsPSCfPµPr PjPsP¶PSP° P»PëCfPµ P·P° CfPjPsPIPë PSPsCfPjP°P»C-P·P°CfC-C—
C,,CfPSPeCfC-C— PiPµCfC-PSPePë Cf PiP°CfC-C"PSC,P° PrPs PiPsCfP°C,PePsPIPsPiPs
CfC-PIPSCl (PrPëPI. CfPsP·PrC-P» B«PÿPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCl C,P°
PrPsP·PëB»).

PJ CfP°P·C- CfPsP·PIPëC,PeCf C,CfP¶PePsC— PiPµPiP°C,PsC,PsPeCfPëCfPSPsCfC,C-
(CfC-PIPµPSCf PjP·Pÿ P°P±Ps PjPÿPÿ PI 20 CfP°P·C-PI PiPµCfPµPIPëC%CfC"
PIPµCfC...PSCf PjPµP¶Cf PSPsCfPjPë), PiCfPµPiP°CfP°C, CfP»C-Pr
PIC-PrPjC-PSPëC,Pë C- PSP°PrP°P»C- CfPSPëPeP°C,Pë PiCfPëP·PSP°CfPµPSPSCl
P°P±C-CfP°C,PµCfPsPSCf.

PµP°CfC-C"PSC,Pë P· PIC-CfCfCfPSPëPj PiPµPiP°C,PëC,PsPj PI P°PeC,PëPIPSC-PNë
C,,P°P·C- PSPµ P±CfP°P»Pë CfCfP°CfC,C- PI PeP»C-PSC-CfPSPëC...

PrPsCfP»C-PrP¶PµPSPSC¶C..., C,PsPjCf PSPµPjP°C" PrP°PSPëC... C%PsPrPs
P·P°CfC,PsCfCfPIP°PSPSC¶ P°P±C-ÇP°C,PµÇPSPSCf P°C†PµC,P°C,Cf C†C-PNë
PïPsPïCfP»C¶C†C-C—.

PkPµPjP°C" PrP°PSPëC... C%PsPrPs P±PµP·PïPµPePë C,P° PµC,,PµPeC,PëPIPSPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSC¶ P±P°PiP°C,PsÇP°P·PsPIPëC... PrPsP·
P°P±C-ÇP°C,PµÇPSPSCf P°C†PµC,P°C,Cf PïP°C†C-C"PSC,P°Pj P· PïPsPjC-ÇPSPSPsCf
P°P±Ps C,C¶P¶PePsCf PïPµC†C-PSPePsPIPsCf PSPµPrPsCfC,P°C,PSC-CfC,Cf
(PeP»P°Cf P' P°P±Ps PŸ P·P° CëPeP°P»PsCf P§P°PNëP»PrP° Bf" PµBf™ Cf). PŸP»C-Pr P·
PsP±PµÇPµP¶PSC-CfC,Cf P·P°CfC,PsCfPsPICfPIP°C,Pë PïCfPµPïP°CfP°C,
PïP°C†C-C"PSC,P°Pj P· PïPsPjC-ÇPSPSPsCf PïPµC†C-PSPePsPIPsCf
PSPµPrPsCfC,P°C,PSC-CfC,Cf C- P»PëCëPµ Cf ÇP°P·C-, C¶PeC%Ps
PePsÇPëCfC,Cf PIC-Pr P»C-PeCfPIP°PSPSC¶ P·PSP°C†PSPs PïPµÇPµPIP°P¶P°C"
PïPsC,PµPSC†C-PNëPSC- ÇPëP·PëPePë (PrPëPI. ÇPSP·PrC-P»Pë B«PŸPïPsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSC¶ C,P° PrPsP·PëB» C,P°
B«PαP°ÇPjP°PePsPeC-PSPµC,PëPeP°B»). PkPµ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë
P»C-PeP°ÇPcfcfPePëPNë P·P°CfC-P± PïP°C†C-C"PSC,P°Pj P· C,C¶P¶PePsCf
PïPµC†C-PSPePsPIPsCf PSPµPrPsCfC,P°C,PSC-CfC,Cf (PrPëPI. ÇPSP·PrC-P»Pë
B«PŸPïPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSC¶ C,P° PrPsP·PëB»,
B«PµÇPSPC,PëPïPsPeP°P·P°PSPSC¶B» C,P° B«PαP°ÇPjP°PePsPeC-PSPµC,PëPeP°B»).

Pj PïPsCfC,PjP°ÇPPePµC,PëPSPiPsPIPëPNë PïPµÇPµC-PsPr ÇPµC-PrPePs
PïPsPIC-PrPsPjP»C¶P»PsCfC¶ PïCfPs PIPëPïP°PrPePë PïPsCfC,ÇPSPC—
PïPµC†C-PSPePsPIPsC— PSPµPrPsCfC,P°C,PSPScfC,C- C,P°
C,,CfP»PjC-PSP°PSC,PSPSPiPs PïPµPïP°C,PëC,Cf, PrPµC¶PeC- P· PSPëC... PjP°P»Pë
P»PµC,P°P»CHPSPëPNë PSP°CfP»C-PrPsPe (PrPëPI. ÇPSP·PrC-P» B«PµPsP±C-C†PSC-
ÇPµP°PeC†C-C—B»).

P'C-PrPjC-PSP° PePsÇPµC,PëPePsCfC,PµÇPSPC—PrC-PI C,P° P»PsPeP°P»C-P·P°C†C-C¶
CfC,ÇPµCfPsPIPëC... CfPëC,CzP°C†C-PNë.

Pj ÇP°P·C- PIC-PrPjC-PSPë PïCfPµPrPSC-P·PsPSCf P°P±Ps
PïCfPµPrPSC-P·PsP»PsPSCf CfP»C-Pr ÇPµC,PµP»CHPSPs PePsPSC,ÇPSP»CfPIP°C,Pë
CfC,P°PS PïP°C†C-C"PSC,P° CfC,PsCfPsPIPSPs PïCfPsC¶PIC-PI
PSPµPrPsCfC,P°C,PSPScfC,C- PePsÇPë PSP°PrPSPëÇPPePsPIPëC... P·P°P»PsP·.
PïPeC%Ps PïCfPëPNëPsPj PŸPµÇPSPSCfPµPrCf PïCfPsPrPsPIP¶CfC"C,CHCfC¶
PïC-CfP»C¶ PIC-PrPjC-PSPë PePsÇPµC,PëPePsCfC,PµÇPSPC—PrC-PI, CfP»C-Pr
PIC-PrCfP»C-PrPePsPICfPIP°C,Pë CfC,P°PS PïP°C†C-C"PSC,P° C%PsPrPs
PSP°PrP»PëCëPeCf PjC-PSPµÇP°P»PsPePsÇPµC,PëPePsC—PrC-PI.

PïPeC%Ps PïP°C†C-C"PSC, PïPµÇPµPSC-Cf C,C¶P¶PeCf CfC,ÇPµCfPsPICf
CfPëC,CfP°C†C-Cf, PNëPsPjCf PjPsP¶CfC,CH P±CfC,Pë PïPsPeP°P·P°PSC-
PïC-PrPIPëC%PµPSC- PrPsP·Pë PïCfPµPrPSC-P·PsPSCf P°P±Ps
PïCfPµPrPSC-P·PsP»PsPSCf PIPïCfPsPrPsPIP¶ C,P° PïC-CfP»C¶ CfC,ÇPµCfPsPIPsC—
CfPëC,CfP°C†C-C—.

P©C-P»CHPSC-CfC,CH PeC-CfC,PsPe.

Pj C†PsP»PsPIC-PeC-PI P· PjPµC,P°CfC,P°P·CfCfC†PëPj ÇP°PePsPj PïCfPsCfC,P°C,Pë

(PeP°CÍC,CĤP°C†C-PN̄PSPs-CĤPμP·PëCÍC,PμPSC,PSPëPN̄ CĤP°Pe
PïPμCĤPμPrPjC-C...CrCĤPSPsIPsC— P·P°P»PsP·Pë) PjPsP¶P»PëPIPμ P·PSPëP¶PμPSPSCĬ
C%oC-P»CH̄PSPsCÍC,C- PeC-CÍC,PePsIPsC— C,PeP°PSPëPSPë.
P—P°CÍC,PsCÍC†PIP°PSPSCĬ PÿPμCĤPSPSCĤPμPrC† PI PePsPjP±C-PSP°C†C-C— P·
PiP»CĤPePsPePsCĤC,PëPePsCÍC,PμCĤPsC—PrP°PjPë PjPsP¶Pμ PïPsCÍPëP»PëC,Pë
C†PμPN̄ PμC,,PμPeC,.

PμPsPïPμCĤPμPrPSC” P·P°CÍC,PsCÍCžPIP°PSPSCĬ PePμC,PsPePsPSP°P·PsP»Cž.

PĤPsP¶PSP° PsC†C-PeC†PIP°C,Pë P±C-P»CH̄C€ PSPëP·CH̄PeC- PïPsPeP°P·PSPëPePë
C†C†C,P»PëPIPsCÍC,C- PrPs PÿPμCĤPSPSCĤPμPrC† C† PïP°C†C-C”PSC,C-PI, CĬPeC-
CĤP°PSC-C€Pμ PsC,CĤPëPjC†PIP°P»Pë PePμC,PsPePsPSP°P·PsP».

P”C-PïPμCĤPiP»C-PePμPjC-CĬ.

P—P°CÍC,PsCÍC†PIP°PSPSCĬ PePsCĤC,PëPePsCÍC,PμCĤPsC—PrC-PI PjPsP¶Pμ
P·P±C-P»CH̄C€C†PIP°C,Pë PiC-PïPμCĤPiP»C-PePμPjC-CĤ, C,PsPjC† PïP°C†C-C”PSC,P°Pj
P· C†C†PeCĤPsIPëPj PrC-P°P±PμC,PsPj C†P»C-Pr C†P°CÍC,Ps PIPëPjC-CĤCĤPIP°C,Pë
CĤC-PIPμPSCĤ C†C†PeCĤC† PI PeCĤPsPIC-.

P”C-PïPsPiP»C-PePμPjC-CĬ.

PμPsPIC-PrPsPjP»CĬP»PsCÍCĬ PïCĤPs PIPëPïP°PrPePë PiC-PïPsPiP»C-PePμPjC-C—
PïCĤPë P·P°CÍC,PsCÍC†PIP°PSPSC- P»C-PeP°CĤCÍCH̄PePsPiPs P·P°CÍPsP±C†
CĤP°P·PsPj P·B PïCĤPμPrPSC-P·PsPSPsPj/PïCĤPμPrPSC-P·PsP»PsPSPsPj
PïP°C†C-C”PSC,P°Pj C-P· CĤPëP·PëPePsPj CĤPsP·PIPëC,PeC† C†C†PeCĤPsIPsPiPs
PrC-P°P±PμC,C†, CĬPeC- PsC,CĤPëPjC†PIP°P»Pë PiC-PsPiP»C-C,P°P·PsPS P°P±Ps
CĤPμPïP°PiP»C-PSC-Pr (PrPëPI. CĤPsP·PrC-P» B«P’P·P°C”PjPsPrC-CĬ P·
P»C-PeP°CĤCÍCH̄PePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C”PjPsPrC-PN̄B»); C,PsPjC† C†P»C-Pr PePsPSC,CĤPsP»CĤPIP°C,Pë
CĤC-PIPμPSCĤ C†C†PeCĤC† PI PeCĤPsPIC- C...PIPsCĤPëC... PSP° C†C†PeCĤPsIPëPN̄
PrC-P°P±PμC,,.

P—P°CÍC,PsCÍCžPIP°PSPSCĬ C-P· C...C-PjC-PsC,PμCĤP°PiC-C”CĤ.

P’PμP·PïPμPeP° C,P° PμC,,PμPeC,PëPIPSC-CÍC,CH̄ PsPrPSPsC†P°CÍPSPsPiPs
P·P°CÍC,PsCÍC†PIP°PSPSCĬ PÿPμCĤPSPSCĤPμPrC† P· C†PëC,PsC,PsPeCÍPëC†PSPsCĤ
C...C-PjC-PsC,PμCĤP°PiC-C”CĤ PSPμ PICÍC,P°PSPsPIP»PμPSC-.

PkPμPïPμCĤPμPSPsCÍPëPjC-CÍC,CH̄ PrPsPïPsPjC-P¶PSPëC... CĤPμC†PsPIPëPS.

P”Ps CÍPeP»P°PrC† P»C-PeP°CĤCÍCH̄PePsPiPs P·P°CÍPsP±C† PIC...PsPrPëC,CH̄
P»P°PeC,PsP·P°. PμP°C†C-C”PSC,Pë P·C- CÍPïP°PrPePsIPsCĤ
PSPμPïPμCĤPμPSPsCÍPëPjC-CÍC,CĤ PiP°P»P°PeC,PsP·Pë, P»P°PeC,P°P·PSPsCĤ
PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ P°P±Ps CÍPëPSPrCĤPsPjPsPj
PjP°P»CH̄P°P±CÍPsCĤP±C†C-C— PiP»CĤPePsP·Pë-PiP°P»P°PeC,PsP·Pë PSPμ
PïPsPIPëPSPSC- PïCĤPëPN̄PjP°C,Pë P»C-PeP°CĤCÍCH̄PePëPN̄ P·P°CÍC-P±
PÿPμCĤPSPSCĤPμPr. PμCĤPμPïP°CĤP°C, PjC-CÍC,PëC,CH̄ PïPsPSP°Pr 1,18 PjPjPsP»CH̄
(P°P±Ps 27 PjPi) PSP°C,CĤC-CĤ PSP° PrPsP·C† 4 C,P°P±P»PμC,PePë, C%oPs

PiPsC,CTC-P±PSPs PICTP°C...CrPIP°C,Pë PiP°C†C-C''PSC,P°Pj, CIPeC-
PrPsC,CTPëPjCrCTC,CHCTC CIPrC-C''C,Pë P· PePsPSC,CTPsP»CHPsPIP°PSPëPj
PIPjC-CTC,PsPj PSP°C,CTC-CT.

PμPsC,PμPSC†C-PN₂PSC- CTCPëP·PëPePë.

PJ C±PsP»PsPIC-PeC-PI P· PjPμC,P°CTC,P°P·CrCTC±PëPj PeP°CTC,CTP°C†C-PN₂PSPs-
CTPμP·PëCTC,PμPSC,PSPëPj CTC°PePsPj PiPμCTPμPrPjC-C...CrCTPsPIPsC—
P·P°P»PsP·Pë, PIPeP»CTC±P°CTC±Pë C,PëC..., C...C,Ps PiCTPsC...PsPrPëC,CH
C,PμCTP°PiC-CT PiCTPμPiP°CTP°C,PsPj PÿPμCTPsPSCTPμPr, PjPsP¶CrC,CH
PIPëPSPëPeP°C,Pë P°PSPμPjC-C C,P° CT°PμPeCTCrP°P»CHPSP°
PrPëCTC,,CrPSPeC†C-C C.

P'PiP»PëPI PSP° CT°PePμP»PμC,PSPs-PjCTTM CIP·PsPICé CT°PëCTC,PμPjCé.

PμPsPIC-PrPsPjP»CIP»PsCTC CIPiCTPs PIPëPiP°PrPePë PjC-PsPiP°C,C-C— C,P°
CTP°P±PrPsPjC-PsP»C-P·Cr Cr PiP°C†C-C''PSC,C-PI, CIPeC- PsC,CTPëPjCrPIP°P»Pë
PiCTPμPiP°CTP°C, PÿPμCTPsPSCTPμPr. P—PrPμP±C-P»CHC€PsPiPs C,P°PeC-
CIPiPëC%P° PIPëPSPëPeP°P»Pë PiCTPsC,CIPiPsPj PiPμCTC€PëC... 6 PjC-CTC CIP†C-PI
P»C-PeCrPIP°PSPSC C,P° P·PSPëPeP°P»Pë PiC-CTP»C CIPIC-PrPjC-PSPë
PiCTPμPiP°CTP°C,Cr. PÿP»C-Pr P±CrC,Pë PsP±PμCTPμP¶PSPëPjPë PiCTPë
PsPrPSPsC±P°CTPSPsPjCr P·P°CTC,PsCTCrPIP°PSPSC- PÿPμCTPsPSCTPμPrCr C,P°
P»C-PeP°CTCTCHPePëC... P·P°CTPsP±C-PI, P°CTPsC†C-PN₂PsPIP°PSPëC... P·
CTPsP·PIPëC,PePsPj B PjC-PsPiP°C,C-C— P°P±Ps CTC°P±PrPsPjC-PsP»C-P·Cr.

P'P·P°C''PjPsPrC-C CIP· C-PSC€PëPjPë P»C-PeP°CTCTCHPePëPjPë P·P°CTPsP±P°PjPë.

PÿP»C-Pr CrPSPëPeP°C,Pë PsPrPSPsC±P°CTPSPsPiPs P·P°CTC,PsCTCrPIP°PSPSC CIP
PÿPμCTPsPSCTPμPrCr P· PiPsC,CrP¶PSPëPjPë C-PSPrCrPeC,PsCTP°PjPë CYP3A4
C±PμCTPμP· CTCPëP·PëPe P·PSPëP¶PμPSPSC CIPëCTC,PμPjPSPsPiPs PIPiP»PëPICr
P°P±C-CTP°C,PμCTPsPSCr P·P° PIPëPSC C,PePsPj PIPëPiP°PrPeC-PI, PePsP»Pë
PIC-PrCTCrC,PS CIP C,PμCTP°PiPμPIC,PëC±PSP° P°P»CHC,PμCTPSP°C,PëPIP° (PrPëPI.
CTPsP·PrC-P» B«P'P·P°C''PjPsPrC-C CIP· C-PSC€PëPjPë P»C-PeP°CTCTCHPePëPjPë
P·P°CTPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PN₂B»).

*PμPsPjP±C-PSP°C†C-C CIP P°P±C-CTP°C,PμCTPsPSCé C,P°
PiCTPμPrPSC-P·PsPSCé/PiCTPμPrPSC-P·PsP»PsPSCé P· Ra-223.*

P>C-PeCrPIP°PSPSC CIP P°P±C-CTP°C,PμCTPsPSPsPj C,P°
PiCTPμPrPSC-P·PsPSPsPj/PiCTPμPrPSC-P·PsP»PsPSPsPj Cr PePsPjP±C-PSP°C†C-C— P·
Ra-223 PiCTPsC,PëPiPsPeP°P·P°PSPμ (PrPëPI. CTCPsP·PrC-P»
B«PμCTPsC,PëPiPsPeP°P·P°PSPSC CIP») C±PμCTPμP· PiC-PrPIPëC%PμPSPëPN₂
CTPëP·PëPe PiPμCTPμP»PsPjC-PI C,P° C,PμPSPrPμPSC†C-CT PrPs
PiC-PrPIPëC%PμPSPsC— CT°PjPμCTC,PSPsCTC,C- Cr PiP°C†C-C''PSC,C-PI P· CTC°PePsPj
PiPμCTPμPrPjC-C...CrCTPsPIPsC— P·P°P»PsP·Pë P±PμP· CT°PëPjPiC,PsPjC-PI P°P±Ps P·
PjP°P»Ps PIPëCTP°P¶PμPSPëPjPë CT°PëPjPiC,PsPjP°PjPë, C%Ps
CT°PiPsCTC,PμCTC-PiP°C''C,CHCTC CIPrC Cr PeP»C-PSC-C±PSPëC...
PrPsCTP»C-PrP¶PμPSPSC CIP....

$P - PrP^{\circ}C, PSC - C\acute{I}C, CH\ PIP\ddot{I}P \gg P\ddot{E}PIP^{\circ}C, P\ddot{E}\ PSP^{\circ}\ C\epsilon PIP\ddot{E}PrPeC - C\acute{I}C, CH\ C\grave{H}P_{\mu}P^{\circ}PeC\ddagger C - C - P\ddot{I}C\grave{H}P\ddot{E}$
 $PeP_{\mu}C\grave{H}C\acute{z}PIP^{\circ}PSPSC - P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{I}PsC\grave{H}C, PsPj\ P^{\circ}P\pm Ps\ C - PSC\epsilon P\ddot{E}PjP\ddot{E}$
 $PjP_{\mu}C...P^{\circ}PSC - P\cdot PjP^{\circ}PjP\ddot{E}.$

$P\ddot{Y}P_{\mu}C\grave{H}PsPSC\grave{H}P_{\mu}Pr\ PSP_{\mu}\ PIP\ddot{I}P \gg P\ddot{E}PIP^{\circ}C''\ P^{\circ}P\pm Ps\ PIP\ddot{E}C\grave{I}PIP \gg C\grave{I}C''$
 $PSP_{\mu}P\cdot PSP^{\circ}C\ddagger PSP\ddot{E}PN_{\ddot{E}}\ PIP\ddot{I}P \gg P\ddot{E}PI\ PSP^{\circ}\ P\cdot PrP^{\circ}C, PSC - C\acute{I}C, CH\ PeP_{\mu}C\grave{H}C\acute{r}PIP^{\circ}C, P\ddot{E}$
 $P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{I}PsC\grave{H}C, PsPj\ C, P^{\circ}\ P\ddot{I}C\grave{H}P^{\circ}C\ddagger C\grave{H}PIP^{\circ}C, P\ddot{E}\ P\cdot C - PSC\epsilon P\ddot{E}PjP\ddot{E}$
 $PjP_{\mu}C...P^{\circ}PSC - P\cdot PjP^{\circ}PjP\ddot{E}.$

$P\ddot{Y}P\ddot{I}PsC\acute{I}C - P\pm\ P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{z}PIP^{\circ}PSPSC\grave{I}\ C, P^{\circ}\ PrPsP\cdot P\ddot{E}.$

$P_{\mu}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{I}P \gg C - Pr\ P\ddot{I}C\grave{H}P\ddot{E}PN_{\ddot{E}}PjP^{\circ}C, P\ddot{E}\ PSP^{\circ}C, C\%_{\circ}P_{\mu}$
 $(C\%_{\circ}PsPSP^{\circ}PN_{\ddot{E}}PjP_{\mu}PSC\epsilon P_{\mu}\ C\ddagger P_{\mu}C\grave{H}P_{\mu}P\cdot\ 2\ PiPsPrP\ddot{E}PSP\ddot{E}\ P\ddot{I}C - C\acute{I}P \gg C\grave{I}\ C - PrP\ddot{E}, P^{\circ}$
 $C, P^{\circ}PePsP\ P\ C\acute{I}P \gg C - Pr\ C\acute{r}PSP\ddot{E}PeP^{\circ}C, P\ddot{E}\ P\ddot{I}C\grave{H}P\ddot{E}PN_{\ddot{E}}PsPjC\acute{r}\ C - P\ P\ddot{I}C - P\ddot{I}C\grave{H}PsC, C\grave{I}PiPsPj\ 1$
 $PiPsPrP\ddot{E}PSP\ddot{E}\ P\ddot{I}C - C\acute{I}P \gg C\grave{I}\ P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}\ P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r}).$
 $P\ddot{Y}P^{\circ}P\pm P \gg P_{\mu}C, PeC\acute{r}\ P\ddot{I}C\grave{H}P\ddot{E}PN_{\ddot{E}}PjP^{\circ}C\grave{H}C, CH\ C\ddagger C - P \gg PsC\grave{H}, PSP_{\mu}\ C\grave{H}PsP\cdot P\ P\ddot{I}PsPIC\acute{r}C\grave{H}C\ddagger P\ddot{E}$
 $C, P^{\circ}\ PSP_{\mu}\ P\ddot{I}PsPrC\grave{H}C - P\pm\ PSC\grave{H}C\grave{H}C\ddagger P\ddot{E}.$ $P\ P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSPs\ P\cdot P^{\circ}P\ddot{I}P\ddot{E}PIP^{\circ}C, P\ddot{E}$
 $PIPsPrPsC\grave{H}.$

$P''PsP\cdot C\acute{r}PIP^{\circ}PSPSC\grave{I}.$

$P\ P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSP^{\circ}\ PrPsP\cdot P^{\circ}\ B\grave{H}''\ 1000\ PjPi\ (4\ C, P^{\circ}P\pm P \gg P_{\mu}C, PeP\ddot{E}\ P\ddot{I}Ps\ 250\ PjPi)$
 $C\grave{I}Pe\ PsPrPSPsC\grave{H}P^{\circ}P\cdot PsPIP^{\circ}\ PrPsP\pm PsPIP^{\circ}\ PrPsP\cdot P^{\circ}, P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, PSP_{\mu}$
 $PjPsP\ P\ P\ddot{I}C\grave{H}P\ddot{E}PN_{\ddot{E}}PjP^{\circ}C, P\ddot{E}\ P\cdot C - P\ P\ddot{I}P_{\mu}C\grave{H}.$ $P - P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r}\ C\grave{H}P^{\circ}P\cdot PsPj\ C - P\cdot C - P\ P\ddot{I}P_{\mu}C\grave{H}\ P\cdot P\pm C - P \gg CH\ C\epsilon C\acute{r}C''$
 $C\acute{I}P\ddot{E}C\acute{I}C, P_{\mu}PjPSP\ddot{E}PN_{\ddot{E}}\ PIP\ddot{I}P \gg P\ddot{E}PI\ P^{\circ}P\pm C - C\grave{H}P^{\circ}C, P_{\mu}C\grave{H}PsPSC\acute{r}.$

$P''PsP\cdot C\acute{z}PIP^{\circ}PSPSC\grave{I}\ P\ddot{I}C\grave{H}P_{\mu}PrPSC - P\cdot PsPSC\acute{z}\ C - P\ddot{I}C\grave{H}P_{\mu}PrPSC - P\cdot PsP \gg PsPSC\acute{z}.$

$P\ P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSP^{\circ}\ PrPsP\cdot P^{\circ}\ P\ddot{I}C\grave{H}P_{\mu}PrPSC - P\cdot PsPSC\acute{r}\ P^{\circ}P\pm Ps$
 $P\ddot{I}C\grave{H}P_{\mu}PrPSC - P\cdot PsP \gg PsPSC\acute{r}\ PrP \gg C\grave{I}\ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $PjP_{\mu}C, P^{\circ}C\acute{I}C, P^{\circ}P\cdot C\acute{r}C\grave{H}C\ddagger PsPiPs\ PeP^{\circ}C\acute{I}C, C\grave{H}P^{\circ}C\ddagger C - PN_{\ddot{E}}PSPs -$
 $C\grave{H}P_{\mu}P\cdot P\ddot{E}C\acute{I}C, P_{\mu}PSC, PSPsPiPs\ C\grave{H}P^{\circ}PeC\acute{r}\ P\ddot{I}P_{\mu}C\grave{H}P_{\mu}PrPjC - C...C\acute{r}C\grave{H}PsPIPsC -$
 $P\cdot P^{\circ}P \gg PsP\cdot P\ddot{E}\ PI\ P\ddot{I}PsC''PrPSP^{\circ}PSPSC - P\cdot P\ddot{I}C\grave{H}P\ddot{E}PN_{\ddot{E}}PsPjPsPj\ P\ddot{I}C\grave{H}P_{\mu}P\ddot{I}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r}$
 $P\ddot{Y}P_{\mu}C\grave{H}PsPSC\grave{H}P_{\mu}Pr\ C\acute{I}C, P^{\circ}PSPsPIP\ddot{E}C, CH\ 10\ PjPi\ PSP^{\circ}\ PrPsP\pm C\acute{r}.$

$P_{\mu}P^{\circ}C\ddagger C - C''PSC, P^{\circ}Pj, C\grave{I}PeP\ddot{E}Pj\ PSP_{\mu}\ P\ddot{I}C\grave{H}PsPIPsPrP\ddot{E}P \gg P\ddot{E}\ C...C - C\grave{H}C\acute{r}C\grave{H}PiC - C\ddagger PSC\acute{r}$
 $PeP^{\circ}C\acute{I}C, C\grave{H}P^{\circ}C\ddagger C - C\grave{H}, C\acute{I}P \gg C - Pr\ P\ddot{I}C\grave{H}PsPrPsPIP\ P\ddot{I}C\acute{r}PIP^{\circ}C, P\ddot{E}\ PjP_{\mu}PrP\ddot{E}C\ddagger PSC\acute{r}$
 $PeP^{\circ}C\acute{I}C, C\grave{H}P^{\circ}C\ddagger C - C\grave{H}\ P^{\circ}PSP^{\circ}P \gg PsPiPsPj\ P\cdot P''P\ P''\ PIP\ddot{I}C\grave{H}PsPrPsPIP\ P\ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $P \gg C - PeP^{\circ}C\grave{H}C\acute{I}CH\ PeP\ddot{E}Pj\ P\cdot P^{\circ}C\acute{I}PsP\pm PsPj\ P\ddot{Y}P_{\mu}C\grave{H}PsPSC\grave{H}P_{\mu}Pr.$

$P_{\mu}P_{\mu}C\grave{H}P_{\mu}Pr\ P\ddot{I}PsC\ddagger P^{\circ}C, PePsPj\ P \gg C - PeC\acute{r}PIP^{\circ}PSPSC\grave{I}\ C - P\cdot P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}Pj$
 $P^{\circ}P\pm C - C\grave{H}P^{\circ}C, P_{\mu}C\grave{H}PsPSC\acute{r}\ C\acute{I}P \gg C - Pr\ P\ddot{I}C\grave{H}PsPIP_{\mu}C\acute{I}C, P\ddot{E}\ PePsPSC, C\grave{H}PsP \gg CH\$
 $C\grave{H}C - PIPSC - PI\ C\acute{I}P\ddot{E}C\grave{H}PsPIP^{\circ}C, PePsPIP\ddot{E}C... C, C\grave{H}P^{\circ}PSC\acute{I}P^{\circ}PjC - PSP^{\circ}P\cdot, P^{\circ}\ C, P^{\circ}PePsP\ P\$
 $PePsPSC, C\grave{H}PsP \gg C\grave{H}PIP^{\circ}C, P\ddot{E}\ C - C... C\grave{H}C - PIP_{\mu}PSC\grave{H}\ PePsP\ P\ PSC - PrPIP^{\circ}\ C, P\ddot{E}P\ P\ PSC -$
 $PIP\ddot{I}C\grave{H}PsPrPsPIP\ P\ddot{I}P_{\mu}C\grave{H}C\epsilon P\ddot{E}C... C, C\grave{H}CH\ PsC... PjC - C\acute{I}C\grave{I}C\ddagger C - PI$
 $P \gg C - PeC\acute{r}PIP^{\circ}PSPSC\grave{I}, P^{\circ}\ P\ddot{I}PsC, C - Pj\ B\grave{H}''\ PePsP\ P\ PSPsPiPs\ PjC - C\acute{I}C\grave{I}C\ddagger C\grave{I}.$

P©PsPjC-Cl'ClCtPSPs Cl'P»C-Pr PePsPSC,CtjPsP»CtPIP°C,Pë CtjC-PIPµPSCtj
P°CtjC,PµCtjC-P°P»CHbPSPsPiPs C,PëCl'PeCr, Cl'PëCtjPsPIP°C,PePsPIPsPiPs PeP°P»C-Ct
C,P° P·P°C,CtjPëPjPeCr CtjC-PrPëPSPë. PµP°CtC-C"PSC,C-PI P· PIPëCl'PsPePëPj
CtjPëP·PëPePsPj P·P°Ct'c,C-PNëPSPsC— Cl'PµCtjCtPµPIPsC—
PSPµPrPsCl'c,P°C,PSPsCl'c,C- Cl'P»C-Pr PePsPSC,CtjPsP»CtPIP°C,Pë PePsP¶PSC- 2
C,PëP¶PSC- PïCtjPsC,CtjPiPsPj PïPµCtjCëPëC... C,CtjCHbPsC... PjC-Cl'ClCtC-PI
P»C-PeCrPIP°PSPSCtj, P° PïPsC,C-Pj bñ“ PePsP¶PSPsPiPs PjC-Cl'ClCtCtCtj (PrPëPI.
CtjPsP·PrC-P» B«PhCl'PsP±P»PëPIPsCl'c,C- P·P°Ct'c,PsCl'CrPIP°PSPSCtjB»).

PµP°CtC-C"PSC,P°Pj P· PiC-PïPsPeP°P»C-C"PjC-C"tj PI P°PSP°PjPSPµP·C- P°P±Ps Cr
CljPePëC... CtjPsP·PIPëPIP°C"C,CHbCl'Clj PiC-PïPsPeP°P»C-C"PjC-Clj PïC-Pr C±P°Ct'
P»C-PeCrPIP°PSPSCtj PÿPµCtjPsPSCtjPµPrPsPj Cl'P»C-Pr PïC-PrC,CtjPëPjCrPIP°C,Pë
CtjC-PIPµPSCtj PeP°P»C-Ctj ≥ 4,0 PjPñ.

PµP°CtC-C"PSC,P°Pj, Cr CljPePëC... CtjPsP·PIPëPIP°C"C,CHbCl'Clj
C,PsPeCl'PëC±PSC-Cl'c,CHb ≥ 3-PiPs CtjC-PIPsCtj, PIPëP»CtC±P°CtC±Pë
P°CtjC,PµCtjC-P°P»CHbPSCr PiC-PïPµCtjC,PµPSP·C-Ctj, PiC-PïPsPeP°P»C-C"PjC-Ctj,
PSP°P±CtjCljPe C,P° C-PSCëC- PSPµPjC-PSPµCtjP°P»PsPePsCtjC,PëPePsC—PrPSC-
C,PsPeCl'PëC±PSC- CtjPµP°PeCtC-C—, P»C-PeCrPIP°PSPSCtj Cl'P»C-Pr
PïCtjPëPïPëPSPëC,Pë C,P° PIP¶PëC,Pë PIC-PrPïPsPIC-PrPSPëC...
P»C-PeCrPIP°P»CHbPSPëC... P·P°C...PsPrC-PI. P»C-PeCrPIP°PSPSCtj
PïCtjPµPïP°CtjP°C,PsPj PÿPµCtjPsPSCtjPµPr PjPsP¶PSP° PIC-PrPSPsPIP»CtPIP°C,Pë
P»PëCëPµ PïC-Cl'P»Clj C,PsPiPs, CljPe Cl'PëPjPïC,PsPjPë C,PsPeCl'PëC±PSPsCl'c,C-
P·PSPëP·CljC,CHbCl'Clj PrPs CtjC-PIPsCtj 1 P°P±Ps P·PSPëPePSCrC,CHb.

Pj CtjP°P·C- PïCtjPsPïCrCl'PeCr PïCtjPëPµPsPjCr PrPsP±PsPIPsC— PrPsP·Pë CljPe
PÿPµCtjPsPSCtjPµPrCr, C,P°Pe C- PïCtjPµPrPSC-P·PsPSCr P°P±Ps
PïCtjPµPrPSC-P·PsP»PsPSCr, P»C-PeCrPIP°PSPSCtj Cl'P»C-Pr PIC-PrPSPsPIPëC,Pë
PSP°Cl'c,CrPïPSPsPiPs PrPSCtj, P·P°Ct'c,PsCl'PsPICrCtC±Pë P·PIPëC±P°PNëPSCr
PrPsP±PsPICr PrPsP·Cr.

P°PµPïP°C,PsC,PsPeCl'PëC±PSC-Cl'c,CHb.

P»C-PeCrPIP°PSPSCtj Cl'P»C-Pr PSPµPiP°PNëPSPs PïCtjPëP·CrPïPëPSPëC,Pë PrPs
PSPsCtjPjP°P»C-P·P°CtC-C— C„CrPSPeCtC-C— PïPµC±C-PSPePë Cr PïP°CtC-C"PSC,C-PI,
Cr CljPePëC... PïC-Pr C±P°Ct' P»C-PeCrPIP°PSPSCtj CtjPsP·PIPëPIP°C"C,CHbCl'Clj
PiPµPïP°C,PsC,PsPeCl'PëC±PSC-Cl'c,CHb (CtjC-PIPµPSCtj PhP·Pÿ P°P±Ps PhPÿPÿ
PïPµCtjPµPIPëC%CrC" PSPsCtjPjCr P±C-P»CHbCëPµ PSC-P¶ Cr Pïbñ™ CljC,CHb
CtjP°P·C-PI) (PrPëPI. CtjPsP·PrC-P» B«PhCl'PsP±P»PëPIPsCl'c,C-
P·P°Ct'c,PsCl'CrPIP°PSPSCtjB»). P'c-PrPSPsPIP»PµPSPSCtj P»C-PeCrPIP°PSPSCtj
PjPsP¶P»PëPIPµ PïC-Cl'P»Clj PSPsCtjPjP°P»C-P·P°CtC-C— C„CrPSPeCtC-C—
PïPµC±C-PSPePë C,P° CtjC-PIPsCtj PïPµC±C-PSPePsPIPëC... PïCtjPsP± P·C-
P·PSPëP¶PµPSPsC— PrPsP·Pë PïCtjPµPïP°CtjP°C,Cr bñ“ 500 PjPi (2 C,P°P±P»PµC,PePë)
PsPrPëPS CtjP°P· PSP° PrPsP±Cr. Pj C,P°PePëC... PïP°CtC-C"PSC,C-PI Cl'P»C-Pr
PïCtjPsPIPsPrPëC,Pë PePsPSC,CtjPsP»CHb CtjC-PIPsCtj Cl'PëCtjPsPIP°C,PePsPIPëC...
C,CtjP°PSCl'P°PjC-PSP°P· PïCtjPsC,CtjPiPsPj C,CtjCHbPsC... PjC-Cl'ClCtC-PI
P»C-PeCrPIP°PSPSCtj C,P° C%PsPjC-Cl'ClCtC±PSPs PI PïPsPrP°P»CHbCëPsPjCr.
PïPeC%Ps PïCtjPsCljPIPë PiPµPïP°C,PsC,PsPeCl'PëC±PSPsCl'c,C-

P''C-C,Pë.

PrC₇P_μPiP°C₇P°C, P₇P_μC₇PsPSC₇P_μPr PSP_μ PiC₇PëP·PSP°C₇P_μPSPëPN₂ PrP»C₇
P·P°C₇C,PsC₇PsPIC₇PIP°PSPSC₇ PrC-C,C₇Pj.

P_μP_μC₇P_μPrPsP·C₇PIP°PSPSC₇.

P''PsC₇PIC-Pr PiP_μC₇P_μPrPsP·C₇PIP°PSPSC₇ PiC₇P_μPiP°C₇P°C,C₇ P₇P_μC₇PsPSC₇P_μPr
PsP±PjP_μP₇P_μPSPëPN₂. P₇PiP_μC₇C-P°P»CH₇PSPsPiPs P°PSC,PëPrPsC,C₇ PSP_μ C-C₇PSC₇C''.
P₇PsPjC₇ C₇ C₇P°P·C- PiP_μC₇P_μPrPsP·C₇PIP°PSPSC₇ PiC₇PëPN₂PsPj PiC₇P_μPiP°C₇P°C,C₇
C₇P»C-Pr PiC₇PëP·C₇PiPëPSPëC,Pë C- PiC₇PëP·PSP°C₇PëC,Pë C₇PëPjPiC,PsPjP°C,PëC₇PSP_μ
P»C-PeC₇PIP°PSPSC₇ C,P° PjPsPSC-C,PsC₇PëPSPi C%₀PsPrPs P°C₇PëC,PjC-PN₂,
PiC-PiPsPeP°P»C-C''PjC-C— C,P° C₇PëPjPiC,PsPjC-PI P·P°C,C₇PëPjPePë C₇C-PrPëPSPë.
P₇P»C-Pr C,P°PePsP₇ PiC₇PsPIP_μC₇C,Pë PsC₇C-PSPeC₇C,,C₇PSPeC₇C-C— PiP_μC₇C-PSPePë.

P_μPsP±C-C₇PSC- C₇P_μP°PeC₇C-C—.

Pj P·PIP_μPrP_μPSPsPjC₇ P°PSP°P»C-P·C- PiPsP±C-C₇PSPëC... C₇P_μP°PeC₇C-PN₂, C%₀Ps
C₇PiPsC₇C,P_μC₇C-PiP°P»PëC₇C₇ C₇ C...PsPrC- PrPsC₇P»C-PrP₇P_μPSCH₇ 3-C— C,,P°P·Pë
PiC₇Pë PiC₇PëPN₂PsPjC- P°P±C-C₇P°C,P_μC₇PsPSC₇ P· C₇P°C₇C,PsC,PsC₇ ≥ 10 %,
P±C₇P»Pë PiP_μC₇PëC,,P_μC₇PëC₇PSPëPN₂ PSP°P±C₇C₇Pe, PiC-PiPsPeP°P»C-C''PjC-C₇,
P°C₇C,P_μC₇C-P°P»CH₇PSP° PiC-PiP_μC₇C,P_μPSP·C-C₇ C,P° C-PSC,,P_μPeC₇C-C—
C₇P_μC₇PsPIPëPrC-P»CH₇PSPsC— C₇PëC₇C,P_μPjPë, PiC-PrPIPëC%₀P_μPSPSC₇
C₇C-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC,C₇P°PSC₇C,,P_μC₇P°P·Pë C,P°/P°P±Ps
P°C₇PiP°C₇C,P°C,P°PjC-PSPsC,C₇P°PSC₇C,,P_μC₇P°P·Pë. P₇PSC€C- PIP°P₇P»PëPIC-
PiPsP±C-C₇PSC- C₇P_μP°PeC₇C-C— PIPeP»C₇C₇P°C₇C,CH₇ C₇P_μC₇C₇P_μPIC-
C₇PsP·P»P°PrPë, PiP_μPiP°C,PsC,PsPeC₇PëC₇PSC-C₇C,CH₇, PiP_μC₇P_μP»PsPjPë
PeC-C₇C,PsPe C,P° P°P»P_μC₇PiC-C₇PSPëPN₂ P°P»CH₇PIP_μPsP»C-C,,.

P₇P±C-C₇P°C,P_μC₇PsPS PjPsP₇P_μ PIPëPeP»PëPeP°C,Pë P°C₇C,P_μC₇C-P°P»CH₇PSC₇
PiC-PiP_μC₇C,P_μPSP·C-C₇, PiC-PiPsPeP°P»C-C''PjC-C₇ C,P° P·P°C,C₇PëPjPeC₇
C₇C-PrPëPSPë, C%₀Ps C'' PSP°C₇P»C-PrPePsPj PN₂PsPiPs PjP_μC...P°PSC-P·PjC₇ PrC-C—.
PrC-Pr C₇P°C₇ PeP»C-PSC-C₇PSPëC... PrPsC₇P»C-PrP₇P_μPSCH₇ PsC₇C-PeC₇PIP°PSC-
PjC-PSP_μC₇P°P»PsPePsC₇C,PëPePsC—PrPSC- PiPsP±C-C₇PSC- C₇P_μP°PeC₇C-C—
C₇P°C₇C,C-C€P_μ C₇PiPsC₇C,P_μC₇C-PiP°P»PëC₇CH₇ C₇ PiP°C₇C-C''PSC,C-PI, C₇PeC-
PiC₇PëPN₂PjP°P»Pë P»C-PeP°C₇C₇CH₇PePëPN₂ P·P°C₇C-P±, PSC-P₇ C₇
PiP°C₇C-C''PSC,C-PI, C₇PeC- PsC,C₇PëPjC₇PIP°P»Pë PiP»P°C₇P_μP±Ps:
PiC-PiPsPeP°P»C-C''PjC-C₇ б₇“ 18 % PiC₇PsC,Pë 8 %, PiC-PiP_μC₇C,P_μPSP·C-C₇ б₇“
22 % PiC₇PsC,Pë 16 % C,P° P·P°C,C₇PëPjPeP° C₇C-PrPëPSPë
(PiP_μC₇PëC,,P_μC₇PëC₇PSPëPN₂ PSP°P±C₇C₇Pe) б₇“ 23 % PiC₇PsC,Pë 17 %
PIC-PrPiPsPIC-PrPSPs. Pj PiP°C₇C-C''PSC,C-PI, C₇PeC- PsC,C₇PëPjC₇PIP°P»Pë
P»C-PeC₇PIP°PSPSC₇ PiC₇P_μPiP°C₇P°C,PsPj, PiC-PiPsPeP°P»C-C''PjC-C₇ 3-PiPs C- 4-
PiPs C₇C-PIPSC₇ P·P° C€PeP°P»PsC₇ C,PsPeC₇PëC₇PSPsC₇C,C- PiPsP±C-C₇PSPëC...
C₇P_μP°PeC₇C-PN₂ CTCAE (PIP_μC₇C₇C-C— 4.0) C₇PiPsC₇C,P_μC₇C-PiP°P»P°C₇C₇ C₇ 6 %
C,P° 2 % PiP°C₇C-C''PSC,C-PI PIC-PrPiPsPIC-PrPSPs, P°C₇C,P_μC₇C-P°P»CH₇PSP°

PiC-PiPμCḡC,PμPSP·C-Cḡ Bḡ“ Cḡ 8 % C,P° 5 % PiP°C†C-C”PSC,C-PI
 PIC-PrPiPsPIC-PrPSPs, P·P°C,CḡPëPjPeP° CḡC-PrPëPSPë (PiPμCḡPëC,,PμCḡPëC‡PSPëPNḡ
 PSP°P±CḡCḡPe) Bḡ“ Cḡ 1 % C,P° 1 % PiP°C†C-C”PSC,C-PI PIC-PrPiPsPIC-PrPSPs.
 PḡC-PSPμCḡP°P»PsPePsCḡC,PëPePsC—PrPSC- CḡPμP°PeC†C-C—, CḡPe
 PiCḡP°PIPëP»Ps, PjPsPḡPSP° CḡCḡPiC-CḡPSPs PePsCḡPëPiCḡPIP°C,Pë P·P°
 PrPsPiPsPjPsPiPsCḡ PjPμPrPëPeP°PjPμPSC,PsP·PSPsPiPs P»C-PeCḡPIP°PSPSCḡ.
 PḡPrPSPsC‡P°CḡPSPëPNḡ PiCḡPëPNḡPsPj PePsCḡC,PëPePsCḡC,PμCḡPsC—PrC-PI
 P·PSPëPḡCḡC” C‡P°CḡC,PsC,Cḡ C,P° CḡC,CḡPiC-PSCH C,CḡPḡPePsCḡC,C- C†PëC...
 PiPsP±C-C‡PSPëC... CḡPμP°PeC†C-PNḡ (PrPëPI. CḡPsP·PrC-P»
 B«PḡCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

PJ C...PsPrC- PrPsCḡP»C-PrPḡPμPSCH PiP°C†C-C”PSC,C-PI P·
 PjPμC,P°CḡC,P°C,PëC‡PSPëPj CḡP°PePsPj PiCḡPsCḡC,P°C,Pë, CḡPeC-
 P·P°CḡC,PsCḡPsPICḡPIP°P»Pë P°PSP°P»PsPi P>P“P P” P°P±Ps PI CḡPePëC... P±CḡP»P°
 PiCḡPsPIPμPrPμPSP° PsCḡC...C-PμPeC,PsPjC-Cḡ, PḡPμCḡPsPSCḡPμPr
 P·P°CḡC,PsCḡPsPICḡPIP°P»Pë PI PrPsP·C- 1000 PjPi C%PsPrPSCḡ PI
 PePsPjP±C-PSP°C†C-C— P· PiCḡPμPrPSC-P·PsPSPsPj P°P±Ps
 PiCḡPμPrPSC-P·PsP»PsPSPsPj PI PSPëP·CHPePëC... PrPsP·P°C... (10 PjPi PSP°
 PrPsP±Cḡ).

PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—, C%Ps CḡPiPsCḡC,PμCḡC-PiP°P»Pë Cḡ C...PsPrC-
 PeP»C-PSC-C‡PSPëC... PrPsCḡP»C-PrPḡPμPSCH C,P° Cḡ
 PiPsCḡC,PjP°CḡPePμC,PëPSPiPsPIPëPNḡ PiPμCḡC-PsPr, PSP°PIPμPrPμPSC- PI
 C,P°P±P»PëC†C- PSPëPḡC‡Pμ P·P° PeP°C,PμPiPsCḡC-CḡPjPë C‡P°CḡC,PsC,Pë
 PiCḡPsCḡPIC-PI: PrCḡPḡPμ C‡P°CḡC,Ps (≥ 1/10); C‡P°CḡC,Ps (≥ 1/100, < 1/10);
 PSPμC‡P°CḡC,Ps (≥ 1/1000,< 1/100); CḡC-PrPePs (≥ 1/10 000, < 1/1000); PrCḡPḡPμ
 CḡC-PrPePs (< 1/10 000) C,P° PSPμPIC-PrPsPjPs (C‡P°CḡC,PsC,P° PSPμ PjPsPḡPμ
 P±CḡC,Pë PICḡC,P°PSPsPIP»PμPSP° P· PrPsCḡC,CḡPiPSPëC... PrP°PSPëC...).

PJ PjPμPḡP°C... PePsPḡPSPsC— PiCḡCḡPiPë P·P° C‡P°CḡC,PsC,Pë PiPsP±C-C‡PSC-
 CḡPμP°PeC†C-C— PiCḡPμPrCḡC,P°PIP»PμPSPs PI PiPsCḡCḡPrPeCḡ P·PSPëPḡPμPSPSCḡ
 CḡC,CḡPiPμPSCḡ C,CḡPḡPePsCḡC,C-.

PḡP°P±P»PëC†Cḡ

PḡPëCḡC,PμPjPë PsCḡPiP°PSC-PI	PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—
P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—	PrCḡPḡPμ C‡P°CḡC,Ps: C-PSC,,PμPeC†C-Cḡ CḡPμC‡PsPIPëPrC-P»CHPSPsC— CḡPëCḡC,PμPjPë C‡P°CḡC,Ps: CḡPμPiCḡPëCḡ
P— P±PsPeCḡ C-PjCḡPSPSPsC— CḡPëCḡC,PμPjPë	PSPμPIC-PrPsPjPs: P°PSP°C,,C-P»P°PeC,PëC‡PSC- CḡPμP°PeC†C-C—
P— P±PsPeCḡ PμSPPrPsPeCḡPëPSPSPsC— CḡPëCḡC,PμPjPë	PSPμC‡P°CḡC,Ps: PiPsCḡCḡCḡPμPSPSCḡ C,,CḡPSPeC†C-C— PSP°PrPSPëCḡPePsPIPëC... P·P°P»PsP·
P— P±PsPeCḡ PjPμC,P°P±PsP»C-P·PjCḡ C,P° C,CḡP°PIP»PμPSPSCḡ	PrCḡPḡPμ C‡P°CḡC,Ps: PiC-PiPsPeP°P»C-C”PjC-Cḡ C‡P°CḡC,Ps: PiC-PiPμCḡC,CḡPëPiP»C-C†PμCḡPëPrPμPjC-Cḡ

P— P±PsPeCf CÍPμCĤC†CĬ	C‡P°CÍC,Ps: CÍPμCĤC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH*, CÍC,PμPSPsPeP°CĤPrC-CĬ, C,,C-P±CĤPëP»CĬC†C-CĬ PîPμCĤPμPrCÍPμCĤPrCH, C,P°C...C-PeP°CĤPrC-CĬ PSPμC‡P°CÍC,Ps: C-PSC€C- P°CĤPëC,PjC-C— PSPμPIC-PrPsPjPs: C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP°, PîPsPrPsPIP¶PμPSPSCĬ C-PSC,PμCĤPIP°P»Cf QT (PrPëPI. CĤPsP·PrC-P»Pë B«P'P·P°C''PjPsPrC-CĬ P· C-PSC€PëPjPë P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNëB» C,P° B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCĬB»).
P— P±PsPeCf CÍCfPrPëPSPSPsC— CÍPëCÍC,PμPjPë	PrCfP¶Pμ C‡P°CÍC,Ps: P°CĤC,PμCĤC-P°P»CHPSP° PiC-PîPμCĤC,PμPSP·C-CĬ
P— P±PsPeCf PrPëC...P°P»CHPSPsC— CÍPëCÍC,PμPjPë	CĤC-PrPePs: P°P»PμCĤPiC-C‡PSPëPNë P°P»CHPIPμPsP»C-C, ^p
P— P±PsPeCf C€P»CfPSPePsPIPs- PePëC€PePsPIPsC— CÍPëCÍC,PμPjPë	PrCfP¶Pμ C‡P°CÍC,Ps: PrC-P°CĤPμCĬ C‡P°CÍC,Ps: PrPëCÍPîPμPiCÍC-CĬ
P— P±PsPeCf PîPμPîP°C,PsP±C-P»C-P°CĤPSPsC— CÍPëCÍC,PμPjPë	PrCfP¶Pμ C‡P°CÍC,Ps: PîC-PrPIPëC%oPμPSPSCĬ CĤC-PIPSĬ P°P»P°PSC-PSP°PjC-PSPsC,CĤP°PSCÍC,,PμCĤP°P·Pë C,P°/P°P±Ps P°CÍPîP°CĤC,P°C,P°PjC-PSPsC,CĤP°PSCÍC,,PμCĤP°P·Pë ^b CĤC-PrPePs: C,,CfP»CHPjC-PSP°PSC,PSPëPNë PîPμPîP°C,PëC,, PîPsCÍC,CĤP° PîPμC‡C-PSPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH
P— P±PsPeCf C€PeC-CĤPë C,P° PiC-PrC€PeC-CĤPSPsC— PeP»C-C,PePsPIPëPSPë	C‡P°CÍC,Ps: PIPëCÍPëPîP°PSPSCĬ
P— P±PsPeCf PjBĤ™ CĬP·PsPIPs- CÍPePμP»PμC,PSPsC— CÍPëCÍC,PμPjPë C,P° CÍPîPsP»CfC‡PSPsC— C,PeP°PSPëPSPë	PSPμC‡P°CÍC,Ps: PjC-PsPîP°C,C-CĬ, CĤP°P±PrPsPjC-PsP»C-P·
P— P±PsPeCf CÍPμC‡PsPIPëPrC-P»CHPSPsC— CÍPëCÍC,PμPjPë	C‡P°CÍC,Ps: PîPμPjP°C,CfCĤC-CĬ
P—P°PiP°P»CHPSC- CĤPsP·P»P°PrPë C,P° CĤPμP°PeC†C-C— PI PjC-CÍC†C- PIPIPμPrPμPSPSCĬ	PrCfP¶Pμ C‡P°CÍC,Ps: PîPμCĤPëC,,PμCĤPëC‡PSPëPNë PSP°P±CĤCĬPe
PμPsC€PePsPrP¶PμPSPSCĬ, PsC,CĤCfC''PSPSCĬ C,P° PîCĤPsC†PμPrCfCĤPSC- CfCÍPeP»P°PrPSPμPSPSCĬ	C‡P°CÍC,Ps: PîPμCĤPμP»PsPjPë**

*B B B B B B B B B PŸPμCĤC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH C,P°PePsP¶
PIPeP»CHC‡P°C'' P·P°CÍC,C-PNëPSCf CÍPμCĤC†PμPICf PSPμPrPsCÍC,P°C,PSC-CÍC,CH,
PrPëCÍC,,CfPSPeC†C-CĤ P»C-PIPsPiPs C€P»CfPSPsC‡PeP° C,P° P·PjPμPSC€PμPSPSCĬ
C,,CĤP°PeC†C-C— PIPëPePëPrCf.

**B B B B B B B PμPμCĤPμP»PsPjPë PIPeP»CHC‡P°CĤC,CH PICÍC- PIPëPrPë
PîPμCĤPμP»PsPjC-PI, P·P° PIPëPSCĬC,PePsPj PîP°C,PsP»PsPiC-C‡PSPëC...
PîPμCĤPμP»PsPjC-PI.

^aB B B B B B B B B PŸPîPsPSC,P°PSPSC- PîPsPIC-PrPsPjP»PμPSPSCĬ
PîPsCÍC,PjP°CĤPePμC,PëPSPiPsPIPsPiPs PîPμCĤC-PsPrCf.

b B B B B B B B B P_μC-PrPIPëC%P_μPSPSC_μ C_μC-PIPSC-PI
P°P»P°PSC-PSP°PjC-PSPsC,C_μP°PSC_μC,,P_μC_μP°P·Pë C,P°/P°P±Ps
P°C_μPiP°C_μC,P°C,P°PjC-PSPsC,C_μP°PSC_μC,,P_μC_μP°P·Pë C,P° PiP_μC_μC-PSPePsPIP°
PrPëC_μC,,C_μPSPeC_μC-C_μ.

P_μPsP±C-C_μPSC- C_μP_μP°PeC_μC-C— 3-PiPs C_μC,C_μPiP_μPSC_μ P·P° C€PeP°P»PsC_μ
P_μP_μP_μAE (PIP_μC_μC_μC-C_μ 4.0), C%Ps C_μPiPsC_μC,P_μC_μC-PiP°P»PëC_μC_μ C_μ
PiP°C_μC-C”PSC,C-PI, C_μPeC- PiC_μPëPN_μPjP°P»Pë P»C-PeP°C_μC_μCHPePëPN_μ P·P°C_μC-P±:
PiC-PiPsPeP°P»C-C”PjC-C_μ (5 %); C-PSC,,P_μPeC_μC-C— C_μP_μC_μPsPIPëPrC-P»CHPSPsC—
C_μPëC_μC,P_μPjPë (2 %); PiC-PrPIPëC%P_μPSPSC_μ C_μC-PIPSC-PI P_μP·P_μ C,P°/P°P±Ps
P_μP_μP_μ (4 %); P°C_μC,P_μC_μC-P°P»CHPSP° PiC-PiP_μC_μC,P_μPSP·C-C_μ (6 %);
PiP_μC_μP_μP»PsPjPë (2 %); PiP_μC_μPëC,,P_μC_μPëC_μPSPëPN_μ PSP°P±C_μC_μPe (1 %),
C_μP_μC_μC_μPiP° PSP_μPrPsC_μC,P°C,PSC-C_μC,C_μ (1 %), C,,C-P±C_μPëP»C_μC_μC-C_μ
PiP_μC_μP_μPrC_μP_μC_μPrC_μ (1 %). P_μPsP±C-C_μPSC- C_μP_μP°PeC_μC-C— 3-PiPs
C_μC,C_μPiP_μPSC_μ P·P° C€PeP°P»PsC_μ P_μP_μP_μP_μ• (PIP_μC_μC_μC-C_μ 4.0), C,P°PeC- C_μPe
PiC-PiP_μC_μC,C_μPëPiP»C-C_μP_μC_μPëPrP_μPjC-C— C,P° C_μC,P_μPSPsPeP°C_μPrC-C—,
C_μPiPsC_μC,P_μC_μC-PiP°P»PëC_μC_μ C_μ PjP_μPSC€ PSC-P¶ 1 % PiP°C_μC-C”PSC,C-PI.
P_μPsP±C-C_μPSC- C_μP_μP°PeC_μC-C— 4-PiPs C_μC,C_μPiP_μPSC_μ P·P° C€PeP°P»PsC_μ CTCAE
(PIP_μC_μC_μC-C_μ 4.0), C,P°PeC- C_μPe C-PSC,,P_μPeC_μC-C—
C_μP_μC_μPsPIPëPrC-P»CHPSPsC— C_μPëC_μC,P_μPjPë, PiC-PrPIPëC%P_μPSPSC_μ
C_μC-PIPSC_μ P°P»P°PSC-PSP°PjC-PSPsC,C_μP°PSC_μC,,P_μC_μP°P·Pë C,P°/P°P±Ps
P°C_μPiP°C_μC,P°C,P°PjC-PSPsC,C_μP°PSC_μC,,P_μC_μP°P·Pë, PiC-PiPsPeP°P»C-C”PjC-C_μ,
C_μP_μC_μC_μPiP° PSP_μPrPsC_μC,P°C,PSC-C_μC,C_μ, C,,C-P±C_μPëP»C_μC_μC-C_μ
PiP_μC_μP_μPrC_μP_μC_μPrC_μ C,P° PiP_μC_μP_μP»PsPjPë, C_μPiPsC_μC,P_μC_μC-PiP°P»PëC_μC_μ C_μ
PjP_μPSC€ PSC-P¶ 1 % PiP°C_μC-C”PSC,C-PI.

P_μPiPëC_μ PsPeC_μP_μPjPëC... PiPsP±C-C_μPSPëC... C_μP_μP°PeC_μC-PN_μ.

P_μP_μC_μC_μP_μPIPs-C_μC_μPrPëPSPSC- PiPsP±C-C_μPSC- C_μP_μP°PeC_μC-C—.

P— PrPsC_μP»C-PrP¶P_μPSC_μ P_μP_μP_μ C,,P°P·Pë PIPëPeP»C_μC_μP°P»Pë PiP°C_μC-C”PSC,C-PI
P· PSP_μPePsPSC,C_μPsP»CHP_μPsPIP°PSPsC_μ P°C_μC,P_μC_μC-P°P»CHPSPsC_μ
PiC-PiP_μC_μC,P_μPSP·C-C”C_μ, PeP»C-PSC-C_μPsPs P·PSP°C_μC_μC%PëPjPë
P·P°C...PIP_μC_μC_μPIP°PSPSC_μPjPë C_μP_μC_μC_μC_μ, C,P°PePëPjPë C_μPe C-PSC,,P°C_μPeC,
PjC-PsPeP°C_μPrP°, P°C_μC,P_μC_μC-P°P»CHPSP_μ C,C_μPsPjP±PsC_μC,PIPsC_μP_μPSPSC_μ
PiC_μPsC,C_μPiPsPj PsC_μC,P°PSPSC-C... 6 PjC-C_μC_μC_μC-C-PI, C_μP_μC_μPN_μPsP·PSP° P°P±Ps
PSP_μC_μC,P°P±C-P»CHPSP° C_μC,P_μPSPsPeP°C_μPrC-C_μ, C_μP_μC_μC_μPiP°
PSP_μPrPsC_μC,P°C,PSC-C_μC,C_μ PIC-Pr II PrPs IV C,,C_μPSPeC_μC-PsPSP°P»CHPSPsPiPs
PeP»P°C_μC_μ P·P° C€PeP°P»PsC_μ NYHA (PrPsC_μP»C-PrP¶P_μPSPSC_μ P· C_μC_μP°C_μC,C_μ
PiP°C_μC-C”PSC,C-PI, C_μPePëPj PiPsPiP_μC_μP_μPrPSC_μPs P·P°C_μC,PsC_μPiC_μPrP°P»Pë
C...C-PjC-PsC,P_μC_μP°PiC-C_μ) P°P±Ps C_μP_μC_μC_μPiP° PSP_μPrPsC_μC,P°C,PSC-C_μC,C_μ PIC-Pr
P_μP_μ PrPs IV C,,C_μPSPeC_μC-PsPSP°P»CHPSPsPiPs PeP»P°C_μC_μ (PrPsC_μP»C-PrP¶P_μPSPSC_μ P·
C_μC_μP°C_μC,C_μ PiP°C_μC-C”PSC,C-PI, C_μPePëPj C...C-PjC-PsC,P_μC_μP°PiC-C_μ PSP_μ
PiPsPeP°P·P°PSP°), P·PSP°C_μP_μPSPSC_μ C,,C_μP°PeC_μC-C— PIPëPePëPrC_μ P»C-PIPsPiPs
C€P»C_μPSPsC_μPeP° < 50 %. PjC_μC- PiP°C_μC-C”PSC,Pë, C_μPeC- P±C_μP°P»Pë C_μC_μP°C_μC,C_μ C_μ
PrPsC_μP»C-PrP¶P_μPSPSC_μC... (C,C-, C...C,Ps PiC_μPëPN_μPjP°PI P°P±C-C_μP°C,P_μC_μPsPS, C,P°
C,C-, C...C,Ps PsC,C_μPëPjC_μPIP°PI PiP°P»C_μP_μP±Ps), PsPrPSPsC_μP°C_μPSPs
PsC,C_μPëPjC_μPrP°P»Pë P°PSP_μC_μPsPiP_μPSPSC_μ PrP_μPiC_μPëPiP°C,PëPIPSC_μ C,P_μC_μP°PiC-C_μ
PiP_μC_μP_μPIP°P¶PSPs P· PIPëPePsC_μPëC_μC,P°PSPSC_μPj P°PSP°P»PsPiC-PI P>P”P”, C%Ps

$P \pm C \dot{r} P \gg P_s$ $P^\circ C \dot{r} P_s C \dot{r} C - P N_e P_s P I P^\circ P S P_s$ $P \cdot$ $P I P \ddot{e} P S P \ddot{e} P e P S P \mu P S P S C \dot{r} P_j$ $C \dot{r} C \dot{r} P e C \dot{r} P_s P I P_s P i P_s$
 $P r C - P^\circ P \pm P \mu C, C \dot{r}, C - P S C, P^\circ C \dot{r} P e C, C \dot{r} P_j C - P_s P e P^\circ C \dot{r} P r P^\circ, C - P S C \dot{r} C \dot{r} P \gg C H C, C \dot{r} C, P^\circ$
 $C \dot{r} P^\circ P i C, P_s P I P_s C \dot{r} C \dot{r} P \mu C \dot{r} C \dot{r} P \mu P I P_s C \dot{r} C \dot{r} P_j P \mu C \dot{r} C, C \dot{r} H. P S P^\circ C \dot{r} C, P_s C, P^\circ C \dot{r} P \mu C \dot{r} C \dot{r} P \mu P I P_s -$
 $C \dot{r} C \dot{r} P r P \ddot{e} P S P S P \ddot{e} C \dots P i P_s P \pm C - C \dot{r} P S P \ddot{e} C \dots C \dot{r} P \mu P^\circ P e C \dot{r} C - P N_e P i C - P r C \dot{r} P^\circ C \dot{r} P \dot{r} P \dot{r} P \dot{r} C, P^\circ P \cdot P \ddot{e}$
 $P r P_s C \dot{r} P \gg C - P r P \mu P \mu P S C H P \cdot P^\circ C \dot{r} C \dot{r} P^\circ C \dot{r} C, C \dot{r} H P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e C -$
 $P_s C, C \dot{r} P \ddot{e} P_j C \dot{r} P I P^\circ P \gg P \ddot{e} P^\circ P \pm C - C \dot{r} P^\circ C, P \mu C \dot{r} P_s P S, C, P^\circ P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e C -$
 $P_s C, C \dot{r} P \ddot{e} P_j C \dot{r} P I P^\circ P \gg P \ddot{e} P i P \gg P^\circ C \dot{r} P \mu P \pm P_s, P \pm C \dot{r} P \gg P^\circ C, P^\circ P e P_s C \dot{r} H: C, C - P \pm C \dot{r} P \ddot{e} P \gg C \dot{r} C \dot{r} C - C \dot{r} P i P \mu C \dot{r} P \mu P r C \dot{r} P \mu C \dot{r} P r C \dot{r} H$ бґ“ 2,6 % $P i C \dot{r} P_s C, P \ddot{e}$ 2,0 %, $C, P^\circ C \dots C - P e P^\circ C \dot{r} P r C - C \dot{r} H$ бґ“ 1,9 %
 $P i C \dot{r} P_s C, P \ddot{e}$ 1,0 %, $C \dot{r} C, P \mu P S P_s P e P^\circ C \dot{r} P r C - C \dot{r} H$ бґ“ 1,7 % $P i C \dot{r} P_s C, P \ddot{e}$ 0,8 %, $C \dot{r} P \mu C \dot{r} C \dot{r} P \mu P I P^\circ$
 $P S P \mu P r P_s C \dot{r} C, P^\circ C, P S C - C \dot{r} C, C \dot{r} H$ бґ“ 0,7 % $P i C \dot{r} P_s C, P \ddot{e}$ 0,2 %, $P^\circ C \dot{r} P \ddot{e} C, P_j C - C \dot{r} H$ бґ“ 0,7 %
 $P i C \dot{r} P_s C, P \ddot{e}$ 0,5 %.

$P^\circ P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H.$

$P \mu P_s P I C - P r P_s P_j P \gg C \dot{r} P \gg P_s C \dot{r} C \dot{r} P i C \dot{r} P_s P I P \ddot{e} P i P^\circ P r P e P \ddot{e}$
 $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S P_s C \dot{r} C, C - P \cdot P i C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{r} P_j C \dot{r} C - P I P S C \dot{r} P_j$
 $P \dot{r} P \gg P \ddot{y}, P \dot{r} P \ddot{y} P \ddot{y} C, P^\circ P \cdot P^\circ P i P^\circ P \gg C H P S P_s P i P_s P \pm C - P \gg C - C \dot{r} C \dot{r} P \pm C - P S C \dot{r} C \dot{r}$
 $P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e C - P_s C, C \dot{r} P \ddot{e} P_j C \dot{r} P I P^\circ P \gg P \ddot{e} P^\circ P \pm C - C \dot{r} P^\circ C, P \mu C \dot{r} P_s P S C \dot{r}$
 $P^\circ C \dot{r} P \mu C, P^\circ C, P^\circ P s C \dot{r} P \gg C - P r P \mu P \mu P S P S C \dot{r} P \dot{r} P \dot{r} P \dot{r} C, P^\circ P \cdot P \ddot{e} P e P \gg C - P S C - C \dot{r} P S P \ddot{e} C \dots$
 $P r P_s C \dot{r} P \gg C - P r P \mu P \mu P S C H P i P_s P e P^\circ P \cdot P^\circ P \gg P \ddot{e}, C \% P_s$
 $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H$ 3 C, P° 4 $C \dot{r} C - P I P S C \dot{r} P_j (P i C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{r} P_j$
 $P \dot{r} P \ddot{y} P \ddot{y} C - P \dot{r} P \gg P \ddot{y} P \pm C - P \gg C H C \epsilon P \mu P S C - P \mu C \dot{r} C \dot{r} 5 C \dot{r} P^\circ P \cdot C - P I P I C - P r$
 $P I P \mu C \dot{r} C \dots P S C H P_s C - P_j P \mu P \mu C - P S P_s C \dot{r} P_j P \ddot{e} C, P^\circ P \pm C - P \gg C - C \dot{r} C \dot{r} P \pm C - P S C \dot{r}$
 $P \pm C - P \gg C H C \epsilon P \mu P S C - P \mu C \dot{r} C \dot{r} 1,5 C \dot{r} P^\circ P \cdot P \ddot{e} P I C - P r P I P \mu C \dot{r} C \dots P S C H P_s C - P_j P \mu P \mu C -$
 $P S P_s C \dot{r} P_j P \ddot{e}) C \dot{r} P i P_s C \dot{r} C, P \mu C \dot{r} C - P i P^\circ P \gg P^\circ C \dot{r} C \dot{r} C \dot{r} C \dot{r} P \pm P \gg P \ddot{e} P \cdot C H P e P_s$ 6 %
 $P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e P \ddot{e} P_j P \cdot P^\circ C \dot{r} C, P_s C \dot{r} P_s P I C \dot{r} P I P^\circ P \gg P \ddot{e} P^\circ P \pm C - C \dot{r} P^\circ C, P \mu C \dot{r} P_s P S,$
 $P \cdot P^\circ P \cdot P I P \ddot{e} C \dot{r} P N_e P i C \dot{r} P_s C, C \dot{r} P i P_s P_j P i P \mu C \dot{r} C \epsilon P \ddot{e} C \dots$ 3 $P_j C - C \dot{r} C \dot{r} C \dot{r} C - P I$
 $P \gg C - P e C \dot{r} P I P^\circ P S P S C \dot{r} P_j C \dots P_s P r C - P e P \gg C - P S C - C \dot{r} P S P \ddot{e} C \dots P r P_s C \dot{r} P \gg C - P r P \mu P \mu P S C H$
 $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H$ 3 $P^\circ P \pm P_s$ 4 $C \dot{r} C, C \dot{r} P i P \mu P S C \dot{r} C \dot{r}$
 $C \dot{r} P i P_s C \dot{r} C, P \mu C \dot{r} C - P i P^\circ P \gg P^\circ C \dot{r} C \dot{r} C \dot{r} C \dot{r} C \dot{r} 8,4 \% P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e C -$
 $P_s C, C \dot{r} P \ddot{e} P_j C \dot{r} P I P^\circ P \gg P \ddot{e} P \gg C - P e P^\circ C \dot{r} C \dot{r} C H P e P \ddot{e} P N_e P \cdot P^\circ C \dot{r} C - P \pm. P_j$ 10
 $P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} P e C - P_s C, C \dot{r} P \ddot{e} P_j C \dot{r} P I P^\circ P \gg P \ddot{e} P \gg C - P e P^\circ C \dot{r} C \dot{r} C H P e P \ddot{e} P N_e$
 $P \cdot P^\circ C \dot{r} C - P \pm, P \gg C - P e C \dot{r} P I P^\circ P S P S C \dot{r} P \pm C \dot{r} P \gg P_s P i C \dot{r} P \ddot{e} P i P \ddot{e} P S P \mu P S P_s C \dot{r} P \mu C \dot{r} P \mu P \cdot$
 $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H; P \cdot P S P \ddot{e} C \dots$ 2 $P i P^\circ C \dot{r} C - C^\circ P S C, P \ddot{e} P_j P^\circ P \gg P \ddot{e}$
 $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H$ 2 $C \dot{r} C, C \dot{r} P i P \mu P S C \dot{r} C, 6 P i P^\circ C \dot{r} C - C^\circ P S C, C - P I$
 $P_j P^\circ P \gg P \ddot{e} P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H$ 3 $C \dot{r} C, C \dot{r} P i P \mu P S C \dot{r} C, P^\circ$ 2
 $P i P^\circ C \dot{r} C - C^\circ P S C, P \ddot{e}$ бґ“ $P i P \mu P i P^\circ C, P_s C, P_s P e C \dot{r} P \ddot{e} C \dot{r} P S C - C \dot{r} C, C \dot{r} H$ 4 $C \dot{r} C, C \dot{r} P i P \mu P S C \dot{r} C$
 $P \pm P \mu P \cdot P \gg P \mu C, P^\circ P \gg C H P S P \ddot{e} C \dots P S P^\circ C \dot{r} P \gg C - P r P e C - P I. P_j P e P \gg C - P S C - C \dot{r} P S P \ddot{e} C \dots$
 $P r P_s C \dot{r} P \gg C - P r P \mu P \mu P S P S C \dot{r} C \dots P i P_s C \dot{r} C \epsilon P \mu P S P S C \dot{r} P i P \mu C \dot{r} C - P S P e P_s P I P_s C -$
 $C, C \dot{r} P S P e C \dot{r} C - C - C \dot{r} P^\circ C \dot{r} C, C - C \epsilon P \mu C \dot{r} P i P_s C \dot{r} C, P \mu C \dot{r} C - P i P^\circ P \gg P_s C \dot{r} C \dot{r} C \dot{r} C \dot{r}$
 $P i P^\circ C \dot{r} C - C^\circ P S C, C - P I, C \dot{r} C \dot{r} P e P \ddot{e} C \dots C \dot{r} C - P I P \mu P S C H P \dot{r} P \gg P \ddot{y} C, P^\circ A P \ddot{y} P \ddot{y} P r P_s$
 $P i P_s C \dot{r} P^\circ C, P e C \dot{r} P \gg C - P e C \dot{r} P I P^\circ P S P S C \dot{r} P \pm C \dot{r} P i P i C - P r P I P \ddot{e} C \% P \mu P S P \ddot{e} P N_e, P S C - P \mu C \dot{r} C \dot{r}$
 $P i P^\circ C \dot{r} C - C^\circ P S C, C - P I P \cdot P S P_s C \dot{r} P_j P^\circ P \gg C H P S P \ddot{e} P_j P \ddot{e} P \cdot P S P^\circ C \dot{r} P \mu P S P S C \dot{r} P_j P \ddot{e} P \dot{r} P \gg P \ddot{y} C, P^\circ$
 $A P \ddot{y} P \ddot{y} P r P_s P i P_s C \dot{r} P^\circ C, P e C \dot{r} P \gg C - P e C \dot{r} P I P^\circ P S P S C \dot{r} P \mu C \dot{r} P \ddot{e} P i C - P r P I P \ddot{e} C \% P \mu P S P S C -$
 $P \dot{r} P \gg P \ddot{y} P^\circ P \pm P_s A P \ddot{y} P \ddot{y} P \pm C - P \gg C H C \epsilon P \mu P S C - P \mu C \dot{r} C \dot{r} 5 C \dot{r} P^\circ P \cdot C - P I, P^\circ P \pm P_s$
 $P i C - P r P I P \ddot{e} C \% P \mu P S P S C - P \cdot P^\circ P i P^\circ P \gg C H P S P_s P i P_s C \dot{r} C - P I P S C \dot{r} P \pm C - P \gg C - C \dot{r} C \dot{r} P \pm C - P S C \dot{r}$
 $P \pm C - P \gg C H C \epsilon P \mu P S C - P \mu C \dot{r} C \dot{r} 3 C \dot{r} P^\circ P \cdot P \ddot{e} P I P \mu C \dot{r} C \dots P S C H P_s C - P_j P \mu P \mu C - P S P_s C \dot{r} P_j P \ddot{e}$
 $P \gg C - P e C \dot{r} P I P^\circ P S P S C \dot{r} P^\circ P \pm C - C \dot{r} P^\circ C, P \mu C \dot{r} P_s P S P_s P_j P i C \dot{r} P \ddot{e} P \cdot C \dot{r} P i P \ddot{e} P S C \dot{r} P \gg P \ddot{e} P^\circ P \pm P_s$

PīCḡPēPīPēPSCḡP»Pē. PJ PrPIPsC... PIPēPīP°PrPeP°C... PIC-PrP±CḡP»PsCḡCḡ
 P·PSP°C±PSPμ PīC-PrPIPēC%PμPSPSCḡ PīPsPeP°P·PSPēPeC-PI
 C,,CḡPSPeCḡC-PsPSP°P»CHḡPSPēC... PīPμC±C-PSPePsPIPēC... PīCḡPsP±. PJ CḡPēC...
 PīP°CḡC-C"ḡPSC,C-PI P·PSPsCḡPjP°P»CHḡPSPsCḡ PīPμC±C-PSPePsPIPsCḡ
 C,,CḡPSPeCḡC-C"ḡCḡ PrPs P»C-PeCḡPIP°PSPSCḡ PjP°P»Ps PjC-CḡCḡPμ
 PīC-PrPIPēC%PμPSPSCḡ CḡC-PIPsCḡ PḡP>Pḡ P°P±Ps PḡPḡPḡ PSP° C,,PsPSC-
 P»C-PeCḡPIP°PSPSCḡ Cḡ 15 бḡ 40 CḡP°P·C-PI PIC-Pr PIPμCḡC...PSCḡPsC— PjPμPḡC-
 PSPsCḡPjPē C,P° PīC-PrPIPēC%PμPSPSCḡ CḡC-PIPsCḡ P±C-P»C-CḡCḡP±C-PSCḡ Cḡ 2 -
 6 CḡP°P·C-PI PIC-Pr PIPμCḡC...PSCḡPsC— PjPμPḡC- PSPsCḡPjPē.

PμC-CḡP»Cḡ PīCḡPēPīPēPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ Cḡ PsP±PsC...
 PīP°CḡC-C"ḡPSC,C-PI PSPsCḡPjP°P»C-P·CḡPIP°P»PēCḡCḡ PīPsPeP°P·PSPēPePē
 PīPμC±C-PSPePsPIPsC— C,,CḡPSPeCḡC-C—, PsPrPSPsPjCḡ PīP°CḡC-C"ḡPSC,Cḡ
 PIC-PrPSPsPIPēP»Pē P·P°CḡC,PSCḡCḡPIP°PSPSCḡ P°P±C-CḡP°C,PμCḡPsPSCḡ P±PμP·
 PīPsPIC,PSCḡPSPsPīPs PīC-PrPIPēC%PμPSPSCḡ PīPμC±C-PSPePsPIPēC...
 C,,PμCḡPjPμPSC,C-PI. PJ C...PsPrC- PrPsCḡP»C-PrPḡPμPSPSCḡ
 C,PSPeCḡPēC±PSC-CḡC,CH 3-4 CḡC-PIPsCḡ P· PīC-PrPIPēC%PμPSPSCḡPj CḡC-PIPsCḡ
 PḡP>Pḡ P°P±Ps PḡPḡPḡ CḡPīPsCḡC,PμCḡC-PiP°P»P°CḡCḡ Cḡ 35 (6,5 %)
 PīP°CḡC-C"ḡPSC,C-PI, CḡPeC- PsC,CḡPēPjCḡPIP°P»Pē P°P±C-CḡP°C,PμCḡPsPSCḡ
 P°CḡPμC,P°C,, PμC-PrPIPēC%PμPSPSCḡ CḡC-PIPsCḡ
 P°PjC-PSPsC,CḡP°PSCḡC,,PμCḡP°P· P±CḡP»Ps PIC-PrPePsCḡPēPīPsPIP°PSPμ Cḡ
 PICḡC-C..., PeCḡC-Pj 3 PīP°CḡC-C"ḡPSC,C-PI (2 P·PSPsPIPēPjPē PjPSPsPḡPēPSPSPēPjPē
 PjPμC,P°CḡC,P°P·P°PjPē PI PīPμC±C-PSPeCḡ C,P° 1 P· PīC-PrPIPēC%PμPSPSCḡPj PḡPḡPḡ
 PīCḡPēP±P»PēP·PSPs C±PμCḡPμP· 3 C,PēPḡPSC- PīC-CḡP»Cḡ PīCḡPēPμPsPjCḡ
 PsCḡC,P°PSPSCHḡPsC— PrPsP·Pē PīCḡPμPīP°CḡP°C,Cḡ). PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ
 PīCḡPs PīCḡPēPīPēPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ C±PμCḡPμP·
 PīC-PrPIPēC%PμPSPSCḡ PḡP>Pḡ C,P° PḡPḡPḡ P°P±Ps PīPsCḡCḡPμPSPSCḡ
 C,,CḡPSPeCḡC-C— PīPμC±C-PSPePē Cḡ 1,1 % PīP°CḡC-C"ḡPSC,C-PI, CḡPeC-
 PsC,CḡPēPjCḡPIP°P»Pē P°P±C-CḡP°C,PμCḡPsPSCḡ P°CḡPμC,P°C,, C,P° Cḡ 0,6 %
 PīP°CḡC-C"ḡPSC,C-PI, CḡPeC- PsC,CḡPēPjCḡPIP°P»Pē PīP»P°CḡPμP±Ps.
 P>PμC,P°P»CHḡPSPēC... PSP°CḡP»C-PrPeC-PI PSPμ P·P°C,,C-PeCḡPsPIP°PSPs.

PJ PeP»C-PSC-C±PSPēC... PIPēPīCḡPsP±CḡPIP°PSPSCḡC... CḡPēP·PēPe
 CḡPsP·PIPēC,PeCḡ PīPμPīP°C,PsC,PSPeCḡPēC±PSPsCḡC,C- P±CḡPI P·PjPμPSC€PμPSPēPμ
 C€P»CḡC...PsPj PIPēPeP»CḡC±PμPSPSCḡ PīP°CḡC-C"ḡPSC,C-PI C-P· PīPμPīP°C,PēC,PsPj
 P°P±Ps P·PSP°C±PSPēPjPē PīPsCḡCḡPμPSPSCḡPjPē C,,CḡPSPeCḡC-PNē PīPμC±C-PSPePē
 PrPs PīPsC±P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ. P— PrPsCḡP»C-PrPḡPμPSPSCḡ P±CḡP»Pē
 PIPēPeP»CḡC±PμPSC- PīP°CḡC-C"ḡPSC,Pē P· P±P°P·PsPIPēPjPē PīPsPeP°P·PSPēPeP°PjPē
 PḡP>Pḡ C,P° PḡPḡPḡ, C%Ps PīPμCḡPμPIPēC%CḡPIP°P»Pē P±C-P»CHḡC€Pμ PSC-Pḡ Cḡ 2,5
 CḡP°P·Pē PIPμCḡC...PSCḡ PjPμPḡCḡ PSPsCḡPjPē, P±C-P»C-CḡCḡP±C-PSCḡ > 1,5
 CḡP°P·Pē PIPēC%Pμ PIC-Pr PIPμCḡC...PSCḡPsC— PjPμPḡC- PSPsCḡPjPē, C...PIPsCḡC-
 PSP° P°PeC,PēPIPSPēPNē P°P±Ps CḡPēPjPīC,PsPjP°C,PēC±PSPēPNē PIC-CḡCḡCḡPSPēPNē
 PīPμPīP°C,PēC,, C...CḡPsPSC-C±PSCḡ C...PIPsCḡPsP±Cḡ PīPμC±C-PSPePē, P° C,P°PePsPḡ
 PīP°CḡC-C"ḡPSC,Pē P· P°CḡCḡPēC,PsPj P°P±Ps C€P»CḡPSPePsPIPs-PePēC€PePsPIPēPjPē
 PeCḡPsPIPsC,PμC±P°PjPē PIPSP°CḡP»C-PrPsPe PīPsCḡCḡPμPSPSCḡ C,,CḡPSPeCḡC-C—
 PīPμC±C-PSPePē. P— PeP»C-PSC-C±PSPēC... PrPsCḡP»C-PrPḡPμPSCḡ P±CḡP»Pē
 PIPēPeP»CḡC±PμPSC- PīP°CḡC-C"ḡPSC,Pē P· P±P°P·PsPIPēPj CḡC-PIPsPμPj PḡP>Pḡ C-

РћРŸРŸ, С%Ps РїРµСђРµРїРёС%СђРїР°Рї Р±С-Р»СђСёРµ Рµ РSC-Р¶ Сђ 2,5 СђР°Р°Р° РїРµСђС...РSCђ РјРµР¶Сђ РSPССђРјРё Р°Р° РїС-РґСђСђС,РSPССђС,С- РјРµС,Р°СђС,Р°Р°С-Рї Сђ РїРµСђС-РSPёСђ С,Р° Р±С-Р»СђСёРµ Рµ РSC-Р¶ Сђ 5 СђР°Р°С-Рї РїС-Рґ РїРµСђС...РSCђРµС— РјРµР¶С- РSPССђРјРё Р°Р° РSP°СђРїРSPССђС,С- РјРµС,Р°СђС,Р°Р°С-Рї Сђ РїРµСђС-РSPёСђ. РїРёС%Ps Сђ РїР°СђС-С"РSC,С-Рї Сђ С...РSPРС- РґРSPСђР»С-РґР¶РµРµ РїРёРSPёРёР°Р»Рё Рё РїС-РґС...РёР»РµРµРµРµ Р°Р° Р°Р° Р°Р°С-СђР»СђС,Р°С,Р°РјРё РїРµСђС-РSPёРSPёС... РёСђРSP±, Р»С-РёСђРїР°РSPSCђ РїРµСђРµРµР»Р»Р°Р° Рё С,Р° РїС-РґРSPСР»СђР»Р»Р» Рё РёСёРµ Рµ Р»РёРSPРµ Р»РёС-СђР»Сђ РїРSPРµРµРSPSCђ РїРµСђС-РSPёРSPёС... С,,РµСђРјРµРµРµ РµС,С-Рї РґРSP Р±Р°Р°Р°РµРµРёС... СђС-РїРSC-Рї. РµР°СђС-С"РSC,Р°Рј, Сђ СђРёРёС... РћР»Р» Р°Р°Р±РSP РћРŸРŸ РёС-РґРїРёС%СђРїР°Р»Р»РёСђ Р±С-Р»СђСёРµ Рµ РSC-Р¶ Сђ 20 СђР°Р°С-Рї РїС-Рґ РїРµСђС...РSCђРµС— РјРµР¶С- РSPССђРјРё Р»С-Р»С-РёСђРїР°РSPSCђ РSPРµ РїС-РґРSPСР»СђР»Р»Р» Рё. РґРµРµРїРµР° РїС-РґРSPСР»Р»Р»Р» Р»С-РёСђРїР°РSPSCђ РґР»Сђ С,Р°РёРёС... РїР°СђС-С"РSC,С-Рї РSPРµ РїСђС,Р°РSPСР»Р»Р»Р» Р»Р»Р»Р». РёРµРµС...Р°РSC-Р°Рј РїРµРїР°С,РSP,РSPёСђРёСђРSPССђС,С- РSPРµ РїРёРїСђРµРµРµ.

РŸРµСђРјС-РSP РёСђРёРґР°С,РSPССђС,С-.

2 СђРSPёРё.

РјРјРSPРё Р°Р±РµСђС-РїР°РSPSCђ.

Р—Р±РµСђС-РїР°С,Рё Рї РSPёРёРёС-РSP°Р»СђРSC-Рё СђРїР°РёРSPРіС- РёСђРё С,РµРјРјРїРµСђР°С,СђСђС- РSPРµ РїРёС%Рµ 25 Б°РŸ. Р—Р±РµСђС-РїР°С,Рё Сђ РSPРґРSPССђС,СђРїРSPСРјСђ РґР»Сђ РґС-С,РµРё РјС-СђСђС-.

РјРїР°РёРSPРёР°.

РµРSP 120 С,Р°Р±Р»РµС,РSPё Сђ РёРSPSC,РµРёРSPСђС- Р° РµР° РїРёСђРSPРёРSPС— С%С-Р»СђРSPССђС,С- Р° РёСђРёСёРёРёРSPСђ, РSPРґРSPССђС,СђРїРSPСђ РґР»Сђ РїС-РґРёСђС,С,Сђ РґС-С,СђРјРё. Р'СђРµСђРµРґРёРSPСђ РёРSPSC,РµРёРSPСђР° РїРSPС-С%РµРSPС РїР°РёРµРµС, Р° Р°РґСђРSPСђР±РµРSPС,РSP РёРёСђРSPСђ Р° РїРSPРїРµСђРµРґРґР»Р»Р»Р»Р»Р»Р»Р»Р»Р» Р»Р»Р» РёРёСђРSPСђ Р»Р»Р» РёР»Р»Р»Р»Р»Р»Р»Р»Р»Р» Р»Р»Р» РёРёСђРSPСђ Р»Р»Р» Рї РёРSPSC,РµРёРSPСђР» Рї РёР°СђС,РSPSC-Рё РёРSPСђР±СђС-.

Р°Р°С,РµРїРSPСђС-Сђ РїС-РґРёСђСђРёСђ.

Р—Р° СђРµСђРґРµС,РSP.

P'PëCḡPsP±PSPëPë.

P''-Cḡ P PμPrPrC-βḡ™ CÍ P>P°P±PsCḡP°C,PSCḡC-CÍ P>C,Pr, PαPÿPh-7.

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPëP° C,P° PNPsPiPs
P°PrCḡPμCÍP° PjC-CÍC†Cḡ PïCḡPsPIP°PrP¶PμPSPSCḡ PrC-CḡP»CHPSPsCÍC,C-.**

P''C-P»CHPSPëC†Cḡ B,, - P 1-P 9, PαP°P·P° - P†P†P†, P'PÿP·3, P''CḡPIPIP°PrP°,
P'C-P·P°PëC...P°PïP°C,PSP°Pj P''PëCÍC,CḡPëPëC,, PhPSPPrCḡP° PμCḡP°PrPμC€, 530046,
P†PSPPrC-Cḡ.

PμPsPIC-PrPsPjPëC,Pë PïCḡPs PïPsP±C-C†PSCr CḡPμP°PëC†C-Cḡ P°P±Ps
PIC-PrCÍCrC,PSC-CÍC,CH PμC,,PμPëC,PëPIPSPsCÍC,C- PïCḡPë
P·P°CÍC,PSCÍCrPIP°PSPSC- P»C-PëP°CḡCÍCHPëPsPiPs P·P°CÍPsP±C† P'Pë
PjPsP¶PμC,Pμ P·P° C,PμP»PμC,,PsPSP°PjPë (C†C-P»PsPrPsP±PsPIPs):

380 44 207 51 97 P°P±Ps 380 50 414 39 39; P° C,P°PëPsP¶ P·P°
PμP»PμPëC,CḡPsPSPSPsCḡ P°PrCḡPμCÍPsCḡ: DrugSafetyUa@drreddys.com