

$$\begin{aligned} & \text{PrP} \gg \text{CII} \text{ PjP}_{\mu} \text{PrP}^{\text{Sc}} \text{PSPsPiPs} \text{ P} \cdot \text{P}^{\circ} \text{C}^{\text{I}} \text{C}, \text{PsC}^{\text{I}} \text{C}^{\text{r}} \text{PIP}^{\circ} \text{PSPSCII} \text{ P} \gg \text{C} - \text{PeP}^{\circ} \text{C}^{\text{H}} \text{C}^{\text{I}} \text{C}^{\text{H}} \text{PePsPiPs} \\ & \text{P} \cdot \text{P}^{\circ} \text{C}^{\text{I}} \text{PsP} \pm \text{C}^{\text{r}} \end{aligned}$$

(Nootropil^{B®})

$$\begin{aligned} & \text{P}\ddot{\text{U}}\text{C}-\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C}\ddagger\text{P}\ddot{\text{U}}\text{C}, \text{P}^{\circ}\text{P}\ddot{\text{J}} \text{C}'' \text{PSPsPsC}, \text{C}\ddot{\text{H}}\text{PsP}\ddot{\text{I}}\text{PSP}\ddot{\text{P}}\ddot{\text{J}} \text{P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{PsP}\pm\text{PsP}\ddot{\text{J}}, \text{C}, \text{PsP}\pm\text{C}, \text{Ps} \\ & \text{P}\ddot{\text{I}}\text{C}\ddagger\text{P}\ddot{\text{E}}\text{C}\dots\text{PsC}, \text{C}\ddot{\text{H}}\text{PsP}\ddot{\text{I}}\text{PSP}\ddot{\text{P}}\ddot{\text{J}} \text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{U}}\text{P}\ddot{\text{I}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C}, \text{PsP}\ddot{\text{J}}, \text{C}\%_{\text{O}}\text{Ps} \text{P}\pm\text{P}\ddot{\text{U}}\text{P}\cdot\text{P}\ddot{\text{I}}\text{PsC}\ddagger\text{P}\ddot{\text{U}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{U}}\text{P}\ddot{\text{r}}\text{PSC}\ddot{\text{H}}\text{Ps} \end{aligned}$$

$PiPsPeC\bar{H}P^{\circ}C\%C\acute{r}C''$ $P\mu C,,P\mu PeC,P\ddot{e}PIPSC-C\acute{r}C,CH$ $PePsPiPSC-C,P\ddot{e}PIPSP\ddot{e}C...C,,C\acute{r}PSPeC\ddagger C-PN_{\ddot{e}}$.
 $P\hbar P\mu C...P^{\circ}PSC-P\cdot PjC-PI$ $PIPiP\gg P\ddot{e}PIC\acute{r}$ $PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C,C\acute{r}PSP^{\circ}$ $C\ddagger P\mu PSC,C\bar{H}P^{\circ}P\gg CH\bar{H}PSC\acute{r}$
 $PSP\mu C\bar{H}PIPsPIC\acute{r}$ $C\acute{r}P\ddot{e}C\acute{r}C,P\mu PjC\acute{r},PN_{\ddot{e}}PjPsPIC-C\bar{H}PSPs,PeC-P\gg CH\bar{H}PeP^{\circ}:P\cdot PjC-PSP^{\circ}$
 $C\ddot{e}PIP\ddot{e}PrPePsC\acute{r}C,C-PiPsC\ddot{e}P\ddot{e}C\bar{H}P\mu PSPSC\bar{C}\bar{C}P\pm C\acute{r}PrP\Pi P\mu PSPSC\bar{C}\bar{C}PIPiPsP\gg PsPIPSPsPjC\acute{r}$
 $PjPsP\cdot PeC\acute{r};PiPsC\acute{r}P\ddot{e}P\gg P\mu PSPSC\bar{C}\bar{C}PjP\mu C,P^{\circ}P\pm PsP\gg C-C\ddagger PSP\ddot{e}C...PiC\bar{H}PsC\ddagger P\mu C\acute{r}C-PI$ $C\acute{r}$
 $PSP\mu C\bar{H}PIPsPIP\ddot{e}C...PeP\gg C-C,P\ddot{e}PSP^{\circ}C...;PiPsP\gg C-PiC\ddot{e}P\mu PSPSC\bar{C}\bar{C}$
 $PjC-PeC\bar{H}PsC\ddagger P\ddot{e}C\bar{H}PeC\acute{r}P\gg C\bar{C}\bar{C}\bar{C}\bar{C}-C-C-C\ddot{e}P\gg C\bar{C}\bar{C}C...PsPj$ $PIPiP\gg P\ddot{e}PIC\acute{r}$ PSP°
 $C\bar{H}P\mu PsP\gg PsPiC-C\ddagger PSC-C...P^{\circ}C\bar{H}P^{\circ}PeC,P\mu C\bar{H}P\ddot{e}C\acute{r}C,P\ddot{e}PeP\ddot{e}$ $PeC\bar{H}PsPIC-P\pm P\mu P\cdot$
 $C\acute{r}C\acute{r}PrP\ddot{e}PSPsC\bar{H}PsP\cdot C\ddot{e}P\ddot{e}C\bar{H}C\bar{H}IP^{\circ}P\gg CH\bar{H}PSPsC-PrC-C-.$ $P\check{y}C\bar{H}P\ddot{e}PIP^{\circ}P\gg P\mu$ $P^{\circ}P\pm Ps$
 $PsPrPSPsC\bar{H}P^{\circ}P\cdot PsPIP\mu$ $P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\bar{C}\bar{C}PiC-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}PjC\acute{r}$ $PiP^{\circ}C\ddagger C-C''PSC,P^{\circ}Pj$
 $P\cdot C\ddagger P\mu C\bar{H}P\mu P\pm C\bar{H}P^{\circ}P\gg CH\bar{H}PSPsC\bar{H}$ $PrP\ddot{e}C\acute{r}C,,C\acute{r}PSPeC\ddagger C-C''C\bar{H}$ $PiC\bar{H}P\ddot{e}P\cdot PIPsPrP\ddot{e}C,CH$ $PrPs$
 $P\cdot PSP^{\circ}C\ddagger PSP\ddot{e}C...P\cdot PjC-PS$ PSP° $P\mu P\gg P\mu PeC,C\bar{H}PsP\mu PSC\ddagger P\mu C,,P^{\circ}P\gg PsPiC\bar{H}P^{\circ}PjC-,C\bar{C}PeC-$
 $PrP\mu PjPsPSC\acute{r}C,C\bar{H}C\acute{r}C\bar{H}C,CH$ $PiC-PrPIP\ddot{e}C\%P\mu PSPSC\bar{C}\bar{C}$ $C\acute{r}PIP^{\circ}P\Pi PSPsC\acute{r}C,C-$ C,P°
 $PiPsPeC\bar{H}P^{\circ}C\%P\mu PSPSC\bar{C}\bar{C}$ $PePsPiPSC-C,P\ddot{e}PIPSPsC-$ $C,,C\acute{r}PSPeC\ddagger C-C-$ $(PiC-PrPIP\ddot{e}C\%P\mu PSP^{\circ}$
 $\alpha-C,P^{\circ}$ $\beta-P^{\circ}PeC,P\ddot{e}PIPSC-C\acute{r}C,CH$ $C-P\cdot PSP\ddot{e}P\Pi P\mu PSP^{\circ}$ $\delta-P^{\circ}PeC,P\ddot{e}PIPSC-C\acute{r}C,CH).$

$P\mu C-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $PiC\bar{H}P\ddot{e}PiPSC-C\ddagger C\acute{r}C''$ $PiC-PiP\mu C\bar{H}P^{\circ}PiC\bar{H}P\mu PiP^{\circ}C\ddagger C-C\bar{H}$
 $P^{\circ}PeC,P\ddot{e}PIPsPIP^{\circ}PSP\ddot{e}C...C,C\bar{H}PsPjP\pm PsC\ddagger P\ddot{e}C,C-PI.$ Pj $C\bar{H}P^{\circ}P\cdot C-PiP^{\circ}C,PsP\gg PsPiC-C\ddagger PSPsC-$
 $C\bar{H}P\ddot{e}PiC-PrPSPsC\acute{r}C,C-P\mu C\bar{H}P\ddot{e}C,C\bar{H}PsC\ddagger P\ddot{e}C,C-PI$ $PiC-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $PiC-PrPIP\ddot{e}C\%C\acute{r}C''$
 $C-C...PSC\bar{H}$ $P\cdot PrP^{\circ}C,PSC-C\acute{r}C,CH$ $PrPs$ $C,,C-P\gg CH\bar{H}C,C\bar{H}P^{\circ}C\ddagger C-C-$ C,P°
 $P\mu P\gg P^{\circ}C\acute{r}C,P\ddot{e}C\ddagger PSC-C\acute{r}C,CH.$ B $P\mu C-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $C\ddagger P\ddot{e}PSP\ddot{e}C,CH$ $PiC\bar{H}PsC,P\mu PeC,PsC\bar{H}PSC\acute{r}$
 $C-PIC-PrPSPsPIP\gg C\bar{H}IP^{\circ}P\gg CH\bar{H}PSC\acute{r}$ $PrC-C\bar{H}$ $PiC\bar{H}P\ddot{e}$ $PiPsC\bar{H}C\acute{r}C\ddot{e}P\mu PSPSC-$ $C,,C\acute{r}PSPeC\ddagger C-PN_{\ddot{e}}$
 $PiPsP\gg PsPIPSPsPiPs$ $PjPsP\cdot PeC\acute{r}$ $PIPSP^{\circ}C\acute{r}P\gg C-PrPsPe$ $PiC-PiPsPeC\acute{r}C-C-,$
 $C-PSC,PsPeC\acute{r}P\ddot{e}PeP^{\circ}C\ddagger C-C-$ C,P° $P\mu P\gg P\mu PeC,C\bar{H}PsC\ddot{e}PsPePsPIPsC-$ $C,P\mu C\bar{H}P^{\circ}PiC-C-.$

$P\mu C-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}PsPIC\acute{r}C\bar{H}C,CH$ $C\bar{C}Pe$ $PjPsPSPsPiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C,$ $P^{\circ}P\pm Ps$ $C\acute{r}$
 $C\acute{r}PeP\gg P^{\circ}PrC- PePsPjPiP\gg P\mu PeC\acute{r}PSPsPiPs$ $P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\bar{C}\bar{C}$ $PePsC\bar{H}C,P\ddot{e}PeP^{\circ}P\gg CH\bar{H}PSPsC-$
 $PjC-PsPeP\gg PsPSC-C-$ $PrP\gg C\bar{C}\bar{C}$ $P\cdot PSP\ddot{e}P\Pi P\mu PSPSC\bar{C}\bar{C}$ $PIP\ddot{e}C\bar{H}P^{\circ}P\Pi P\mu PSPsC\acute{r}C,C-$
 $PiC\bar{H}PsPIPsPeC\acute{r}C\bar{H}C\ddagger PsPiPs$ $C,,P^{\circ}PeC,PsC\bar{H}P^{\circ}$ $\bar{b}\bar{H}''$ $PIP\mu C\acute{r}C,P\ddot{e}P\pm C\acute{r}P\gg C\bar{C}\bar{C}\bar{C}PSPsPiPs$
 $PSP\mu PN_{\ddot{e}}C\bar{H}PsPSC-C,C\acute{r}.B$

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

$P\bar{h}P\pm C\acute{r}PsC\bar{H}P\pm C\ddagger C-C\bar{C}\bar{C}$

$P\mu C-C\acute{r}P\gg C\bar{C}\bar{C}$ $PiP\mu C\bar{H}PsC\bar{H}P^{\circ}P\gg CH\bar{H}PSPsPiPs$ $P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\bar{C}\bar{C}$ $PiC-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$
 $C\ddot{e}PIP\ddot{e}PrPePs$ C,P° $PjP^{\circ}PN_{\ddot{e}}P\Pi P\mu$ $PiPsPIPSC-C\acute{r}C,C\bar{H}$ $PIC\acute{r}PjPsPeC,C\acute{r}C''C,CH\bar{H}C\acute{r}C\bar{C}\bar{C}$ $C\acute{r}$
 $C\ddot{e}P\gg C\acute{r}PSPePsPIPs-PeP\ddot{e}C\ddot{e}PePsPIPsPjC\acute{r}$ $C,C\bar{H}P^{\circ}PeC,C-.$ $P^{\circ}C-PsPrPsC\acute{r}C,C\acute{r}PiPSC-C\acute{r}C,CH$
 $C\acute{r}C,P^{\circ}PSPsPIP\ddot{e}C,CH\bar{H}$ $PjP^{\circ}PN_{\ddot{e}}P\Pi P\mu$ 100% .

$P\mu C-C\acute{r}P\gg C\bar{C}\bar{C}$ $PsPrPSPsC\bar{H}P^{\circ}P\cdot PsPIPsPiPs$ $PIPiP\mu PrP\mu PSPSC\bar{C}\bar{C}$ 2 Pi $PiC\bar{H}P\mu PiP^{\circ}C\bar{H}P^{\circ}C,C\acute{r}$ $P\check{y}_{max}$
 $PrPsC\acute{r}C\bar{C}\bar{C}PiP^{\circ}C''C,CH\bar{H}C\acute{r}C\bar{C}\bar{C}$ $C\acute{r}$ $PiP\gg P^{\circ}P\cdot PjC- PeC\bar{H}PsPIC-C\ddagger P\mu C\bar{H}P\mu P\cdot$ 30 $C...PIP\ddot{e}P\gg P\ddot{e}PS,$ P° $C\acute{r}$
 $C\acute{r}PiP\ddot{e}PSPSPsPjPsP\cdot PePsPIC-PN_{\ddot{e}}$ $C\bar{H}C-PrP\ddot{e}PSC-\bar{b}\bar{H}''$ $PiC\bar{H}PsC,C\bar{C}PiPsPj$ $2\bar{b}\bar{H}''8$ $PiPsPrP\ddot{e}PS$ $C-$
 $C\acute{r}C,P^{\circ}PSPsPIP\ddot{e}C,CH$ $40\bar{b}\bar{H}''60$ $PjPePi/PjP\gg.$

P $PsP\cdot PiPsPrC-P\gg$

$P\mu C-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $PSP\mu$ $P\cdot Pi\bar{b}\bar{H}^{\text{TM}}$ $C\bar{C}P\cdot C\acute{r}C''C,CH\bar{H}C\acute{r}C\bar{C}\bar{C}$ $P\cdot$ $P\pm C-P\gg PeP^{\circ}PjP\ddot{e}$ $PiP\gg P^{\circ}P\cdot PjP\ddot{e}$
 $PeC\bar{H}PsPIC-,$ P° $PIP\ddot{e}PrP\ddot{e}PjP\ddot{e}PN_{\ddot{e}}$ $PsP\pm \bar{b}\bar{H}^{\text{TM}}C''Pj$ $C\bar{H}PsP\cdot PiPsPrC-P\gg C\acute{r}$ $PiC-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}PjC\acute{r}$ $\bar{b}\bar{H}''$
 $PjP^{\circ}PN_{\ddot{e}}P\Pi P\mu$ $0,6$ $P\gg/PePi.$ $P\mu C-C\bar{H}P^{\circ}C\ddagger P\mu C,P^{\circ}Pj$ $C\bar{H}PsP\cdot PiPsPrC-P\gg C\bar{C}\bar{C}C''C,CH\bar{H}C\acute{r}C\bar{C}\bar{C}$ $PiPs$ $PIC\acute{r}C-C...$
 $C,PeP^{\circ}PSP\ddot{e}PSP^{\circ}C...C,P^{\circ}$ $PiC\bar{H}PsPSP\ddot{e}PeP^{\circ}C''$ $C\ddagger P\mu C\bar{H}P\mu P\cdot$
 $PiP\mu PjP^{\circ}C,PsP\mu PSC\ddagger P\mu C,,P^{\circ}P\gg C-C\ddagger PSP\ddot{e}PN_{\ddot{e}},$ $PiP\gg P^{\circ}C\ddagger P\mu PSC,P^{\circ}C\bar{H}PSP\ddot{e}PN_{\ddot{e}}$ $P\pm P^{\circ}C\bar{H}\bar{b}\bar{H}^{\text{TM}}C''C\bar{H}P\ddot{e}$ $C-$

PjPμPjP±CḡP°PSPë, CḡPeC- PIPëPePsCḡPëCḡC,PsPICḡCḡC,CHCḡCḡ PīCḡPë
PiPμPjPsPrC-P°P»C-P·C-. PḡC-CḡP°CḡPμC,P°Pj PSP°PePsPīPëCḡCḡC”C,CHCḡCḡ PI
C,PeP°PSPëPSP°C... PePsCḡPë PiPsP»PsPIPSPsPiPs PjPsP·PeCḡ, PīPμCḡPμPIP°PḡPSPs PI
P»PsP±PSPëC..., C,C-Pjḡḡ™ CḡPSPëC... C,P° PīPsC,PëP»PëCḡPSPëC... P·PsPSP°C...,
PjPsP·PsCḡPeCḡ C- P±P°P·P°P»CHPSPëC... PiP°PSPiP»C-CḡC....

P’C-PsC,CḡP°PSCḡC,PsCḡPjP°CḡC-Cḡ

PḡC-CḡP°CḡPμC,P°Pj C” P°PeC,PëPIPSPëPj Cḡ PSPμP·PjC-PSPμPSPsPjCḡ PIPëPiP»CḡPrC- C,P°
PSPμ PjPμC,P°P±PsP»C-P·CḡC”C,CHCḡCḡ Cḡ C,PIP°CḡPëPS.

P’PëPIPμPrPμPSPSCḡ

PḡPμCḡC-PsPr PSP°PīC-PIPIPëPIPμPrPμPSPSCḡ PīCḡPμPīP°CḡP°C,Cḡ P· PeCḡPsPIC-
CḡC,P°PSPsPIPëC,CH 4ḡḡ”5 PiPsPrPëPS C- 6ḡḡ”8 PiPsPrPëPS ḡḡ” P·C-
CḡPīPëPSPSPsPjPsP·PePsPIPsC— CḡC-PrPëPSPë. PīPμPNḡ PīPμCḡC-PsPr PjPsPḡPμ
PīPsPrPsPIPḡCḡPIP°C,PëCḡCḡ PīCḡPë PSPëCḡPePsPIC-PNḡ PSPμPrPsCḡC,P°C,PSPsCḡC,C-.
PḡC-CḡP°CḡPμC,P°Pj PIPëPIPsPrPëC,CHCḡCḡ PSPëCḡPeP°PjPë. P’PëPIPsPrPëC,CHCḡCḡ C-P·
CḡPμCḡPμCḡ PīCḡP°PeC,PëCḡPSPs PīPsPIPS-CḡC,Cḡ (PīPsPSP°Pr 95 %) CḡPμCḡPμP· 30
PiPsPrPëPS. PḡPëCḡPePsPIPëPNḡ PeP»C-CḡPμPSCḡ PīC-CḡP°CḡPμC,P°PjCḡ Cḡ P·PrPsCḡPsPIPëC...
PrPsP±CḡPsPIPsP»CHCḡC-PI CḡC,P°PSPsPIPëC,CH B 86 PjP»/C...PI.

PḡP»C-PSC-CḡPSC- C...P°CḡP°PeC,PμCḡPëCḡC,PëPePë.

PμPsPeP°P·P°PSPSCḡ.

P”PsCḡPsCḡP»C-:

- CḡPëPjPīC,PsPjP°C,PëCḡPSPμ P»C-PeCḡPIP°PSPSCḡ PīP°C,PsP»PsPiC-CḡPSPëC... CḡC,P°PSC-PI,
C°%Ps CḡCḡPīCḡPsPIPsPrPḡCḡC,CHCḡCḡ PīPsPiC-CḡCḡPμPSPSCḡPj PīP°Pjḡḡ™ CḡC,C-,
PePsPiPSC-C,PëPIPSPëPjPë CḡPsP·P»P°PrP°PjPë, P·P° PIPëPSCḡC,PePsPj
PrC-P°PiPSPsCḡC,PsPIP°PSPsC— PrPμPjPμPSCḡC-C— (CḡP»P°P±PsCḡPjCḡC,PIP°);

- P»C-PeCḡPIP°PSPSCḡ PePsCḡC,PëPeP°P»CHPSPsC— PjC-PsPeP»PsPSC-C— CḡPe
PjPsPSPsPīCḡPμPīP°CḡP°C, P°P±Ps Cḡ CḡPeP»P°PrC- PePsPjPīP»PμPeCḡPSPsC—
C,PμCḡP°PīC-C—. P”P»Cḡ PīPμCḡPμPIC-CḡPePë CḡCḡC,P»PëPIPsCḡC,C- PrPs
PīC-CḡP°CḡPμC,P°PjCḡ PjPsPḡPSP° PīCḡPsPIPμCḡC,Pë PīCḡPsP±PSPëPNḡ PeCḡCḡCḡ
P»C-PeCḡPIP°PSPSCḡ PīCḡPsC,CḡPiPsPj PsP±PjPμPḡPμPSPsPiPs PīPμCḡC-PsPrCḡ CḡP°CḡCḡ.

PμCḡPsC,PëPīPsPeP°P·P°PSPSCḡ.

PḡC-PrPIPëC°%PμPSP° CḡCḡC,P»PëPIC-CḡC,CH PrPs PīC-CḡP°CḡPμC,P°PjCḡ P°P±Ps
PīPsC...C-PrPSPëC... PīC-CḡPsP»C-PrPsPSCḡ, P° C,P°PePsPḡ PrPs C-PSCḡPëC...
PePsPjPīPsPSPμPSC,C-PI PīCḡPμPīP°CḡP°C,Cḡ.

P”PsCḡC,CḡPμ PīPsCḡCḡCḡPμPSPSCḡ PjPsP·PePsPIPsPiPs PeCḡPsPIPsPsP±C-PiCḡ
(PiPμPjPsCḡP°PīC-CḡPSPëPNḡ C-PSCḡCḡP»CHC,).

PḡPμCḡPjC-PSP°P»CHPSP° CḡC,P°PrC-Cḡ PSPëCḡPePsPIPsC— PSPμPrPsCḡC,P°C,PSPsCḡC,C-.

PI^oPsC₇P_μC₇ PI^oPSC, C-PSPiC, PsPSP^o.

P'P·P°C''PjPsPrC-C₇ P· C-PSC€PëPjPë P»C-PeP°C₇C₇CHPePëPjPë P·P°C₇PsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PN₂.

PjPëC₇P_μPsC-PrPSC- PiPsC₇PjPsPSPë.

P_μC₇Pë C₇C₇PjC-C₇PSPsPjC₇ P·P°C₇C, PsC₇C₇PI^oPSPSC- P· C, PëC₇P_μPsC-PrPSPëPjPë
PiPsC₇PjPsPSP°PjPë (P₃ P₄) PjPsP₇P»PëPI^o PiC-PrPI^oPëC%_oP_μPSP°
PrC₇P°C, C-PI^oP»PëPIC-C₇C, CH, PrP_μP·PsC₇C-C''PSC, P°C₇C-C₇ C- PiPsC₇C₇C€P_μPSPSC₇
C₇PSC₇.

P₇C₇P_μPSPsPeC₇PjP°C₇PsP».

P₇P»C-PSC-C₇PSC- PrPsC₇P»C-PrP₇P_μPSPSC₇ PiPsPeP°P·P°P»Pë, C%_oPs C₇ C...PIPsC₇PëC... P·
C, C₇P₇P₇PePëPj PiP_μC₇P_μP±C-PiPsPj C₇P_μC₇PëPrPëPIC₇C₇C₇PsPiPs C, C₇PsPjP±PsP·C₇
P·P°C₇C, PsC₇C₇PI^oPSPSC₇ PiC-C₇P°C₇P_μC, P°PjC₇ C₇ PrPsP·P°C... 9,6 Pi/PrPsP±C₇ PSP_μ
PI^oP»PëPI^oP°Ps PSP° PrPsP·C₇PI^oPSPSC₇B P°C₇P_μPSPsPeC₇PjP°C₇PsP»C₇ PrP»C₇
PrPsC₇C₇PI^oPSP_μPSPSC₇ P·PSP°C₇P_μPSPSC₇ INR 2,5B₇“3,5, P°P»P_μ PiC₇Pë PN₂PsPiPs
PsPrPSPsC₇P°C₇PSPsPjC₇ P·P°C₇C, PsC₇C₇PI^oPSPSC- PIC-PrP·PSP°C₇P°P»PsC₇C₇
P·PSP°C₇PSP_μ P·PSPëP₇P_μPSPSC₇ C₇C-PI^oPSC₇ P°PiC₇P_μPI^oC₇C-C— C, C₇PsPjP±PsC₇PëC, C-PI,
PI^oPëPIC-P»CHPSP_μPSPSC₇ β-C, C₇PsPjP±PsPiP»PsP±C₇P»C-PSC₇, C₇C-PI^oPSC₇
C,, C-P±C₇PëPSPsPiP_μPSC₇, C,, P°PeC, PsC₇C-PI P'C-P»P»C-P±C₇P°PSPrC, P° (VIII: C; VIII: vW: Ag;
VIII: vW: Rco), PI₇B₇TM C₇P·PePsC₇C, C- C₇C-P»CHPSPsC— PeC₇PsPIC- C- PiP»P°P·PjPë.

-

P₇P°C₇PjP°PePsPeC-PSP_μC, PëC₇PSC- PIP·P°C''PjPsPrC-C—.

P₇PjPsPIC-C₇PSC-C₇C, CH P·PjC-PSPë C,, P°C₇PjP°PePsPeC-PSP_μC, PëPePë
PiC-C₇P°C₇P_μC, P°PjC₇ PiC-Pr PrC-C''C₇ C-PSC€PëC... P»C-PeP°C₇C₇CHPePëC...
P·P°C₇PsP±C-PI PSPëP·CHPeP°, PsC₇PeC-P»CHPePë PiC₇PëP±P»PëP·PSPs 90 %
PiC₇P_μPI^oC₇P°C, C₇ PIPëPIPsPrPëC, CHC₇C₇ PI PSP_μP·PjC-PSP_μPSPsPjC₇ PIPëPiP»C₇PrC- P·
C₇P_μC₇P_μC₇.

In vitro PiC-C₇P°C₇P_μC, P°Pj PSP_μ PiC₇PëPiPSC-C₇C₇C'' PsC₇PSPsPI^oPSC- C-P·PsC,, PsC₇PjPë
C₇PëC, PsC...C₇PsPjC₇ P 450 PiP_μC₇C-PSPëPë P»C₇PrPëPSPë CYP1A2, 2P'6, 2P'9, 2P'9, 2P'19,
2D6, 2P·1 C- 4P₇9/11 C₇ PePsPSC₇P_μPSC, C₇P°C₇C-C₇C... 142, 426, 1422 PjPePi/PjP».

P_μC₇Pë PePsPSC₇P_μPSC, C₇P°C₇C-C— 1422 PjPePi/PjP» PIC-PrP·PSP°C₇P_μPSPs
PSP_μP·PSP°C₇PSP_μ PiC₇PëPiPSC-C₇P_μPSPSC₇ CYP2A6 (21 %) C- P—P₇4/5 (11 %). P₇PrPSP°Pe
C₇C-PI^oP_μPSCH P₇C. PrP»C₇ C-PSPiC-P±C-C₇C-C— C₇PëC... PrPI^oPsC... CYP-C-P·PsPjP_μC₇C-PI
PrPsC₇C, P°C, PSC-PN₂ PiC₇Pë PiP_μC₇P_μPI^oPëC%_oP_μPSPSC- 1422 PjPePi/PjP». P₇PsPjC₇
PjP_μC, P°P±PsP»C-C₇PSP° PIP·P°C''PjPsPrC-C₇ P· PiC₇P_μPI^oC₇P°C, P°PjPë, C%_oPs
PiC-PrPrP°C₇C, CHC₇C₇ P±C-PsC, C₇P°PSC₇C,, PsC₇PjP°C₇C-C— C₇PëPjPë
C,, P_μC₇PjP_μPSC, P°PjPë, PjP°P»PsPN₂PjPsPIC-C₇PSP°.

P_μC₇PsC, PëP_μPiC-P»P_μPiC, PëC₇PSC- P»C-PeP°C₇C₇CHPeC- P·P°C₇PsP±Pë.

P—P°C₇C, PsC₇C₇PI^oPSPSC₇ PiC-C₇P°C₇P_μC, P°PjC₇ PI PrPsP·C- 20 Pi/PrPsP±C₇
C%_oPsPrP_μPSPSPs PiC₇PsC, C₇PI^oPsPj 4 C, PëP₇PSC-PI C- P±C-P»CHC€P_μ PSP_μ

P·PjC-PSCĤPIP°P»Ps PeCĤPëPICr PePsPSC†PμPSC,CĤP°C†C-C— C- PjP°PeCĤPëPjP°P»CHĤPSCr
PePsPSC†PμPSC,CĤP°C†C-CĤ (PŸ_{max}) PĭCĤPsC,PëPμPĭC-P»PμPĭC,PëC†PSPëC...
PĭCĤPμPĭP°CĤP°C,C-PI Cr CĤPëCĤPsPIP°C,C†C- PeCĤPsPIC- (PeP°CĤP±P°PjP°P·PμPĭC-PS,
C,,PμPSC-C,PsC—PS, C,,PμPSPsP±P°CĤP±C-C,P°P», PSP°C,CĤC-CĤ PIP°P»CHĤPĭCĤPsP°C,) Cr
C...PIPsCĤPëC... PSP° PμPĭC-P»PμPĭCĤC-CĤ, CĤPeC- PsC,CĤPëPjCrCĤC,CH
CĤC,P°P±C-P»CHĤPSC- PrPsP·Pë.

PĥP»PePsPiPsP»CHĤ.

PŸCrPjC-CĤPSPëPNë PĭCĤPëPNëPsPj P· P°P»PePsPiPsP»PμPj PSPμ PIPĭP»PëPIP°PI PSP°
CĤC-PIPμPSCĤ PePsPSC†PμPSC,CĤP°C†C-C— PĭC-CĤP°C†PμC,P°PjCr Cr PĭP»P°P·PjC-
PeCĤPsPIC-, C- PePsPSC†PμPSC,CĤP°C†C-CĤ P°P»PePsPiPsP»CĤ PSPμ
P·PjC-PSCĤPIP°P»P°CĤCĤ PĭCĤPë P·P°CĤC,PsCĤCrPIP°PSPSC- 1,6 Pi PĭC-CĤP°C†PμC,P°PjCr.

PĥCĤPsP±P»PëPIPsCĤC,C- P·P°CĤC,PsCĤCĤPIP°PSPSCĤ.

P'PĭP»PëPI PSP° P°PĭCĤPμPĭP°C†C-CĤ C,CĤPsPjP±PsC†PëC,C-PI.

PJ P·PIBĤ™ CĤP·PeCr P· C,PëPj, C%Ps PĭC-CĤP°C†PμC,P°Pj P·PSPëPĤCrC" P°PĭCĤPμPĭP°C†C-CĤ
C,CĤPsPjP±PsC†PëC,C-PI (PrPëPI. CĤPsP·PrC-P» B«PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°B»),
PSPμPsP±C...C-PrPSPs P· PsP±PμCĤPμPĤPSC-CĤC,CĤ PĭCĤPëP·PSP°C†P°C,Pë PĭCĤPμPĭP°CĤP°C,
C...PIPsCĤPëPj P· PĭPsCĤCrC€PμPSPSCĤPj PĭPμPjPsCĤC,P°P·Cr, CĤC,P°PSP°PjPë, C%Ps
PjPsPĤCrC,CH CĤCrPĭCĤPsPIPsPrPĤCrPIP°C,PëCĤCĤ PeCĤPsPIPsPIPëP»PëPIP°PjPë
(PIPëCĤP°P·PeP° C€P»CrPSPePsPIPs-PePëC€PePsPIPsPiPs C,CĤP°PeC,Cr), PĭC-Pr C†P°CĤ
P·PSP°C†PSPëC... C...C-CĤCrCĤPĭC-C†PSPëC... PsPĭPμCĤP°C†C-PNë (PIPeP»CĤC†P°CĤC†Pë
CĤC,PsPjP°C,PsP»PsPĭC-C†PSC- PIC,CĤCrC†P°PSPSCĤ), C...PIPsCĤPëPj C-P·
CĤPëPjPĭC,PsPjP°PjPë C,CĤPĤPePsC— PeCĤPsPIPsC,PμC†C- P°P±Ps C...PIPsCĤPëPj, CĤPeC-
PjP°CĤC,CH PI P°PSP°PjPSPμP·C- PĭPμPjPsCĤP°PĭC-C†PSPëPNë C-PSCĤCrP»CHĤC,;
PĭP°C†C-C"PS C,P°Pj, CĤPeC- P·P°CĤC,PsCĤPsPICrCĤC,CH P°PSC,PëPePsP°PĭCrP»CĤPSC,Pë,
C,CĤPsPjP±PsC†PëC,P°CĤPSC- P°PSC,PëP°PĭCĤPμPĭP°PSC,Pë, PIPeP»CĤC†P°CĤC†Pë
PSPëP·CHĤPeC- PrPsP·Pë P°C†PμC,PëP»CĤP°P»C-C†PëP»PsPIPsC— PePëCĤP»PsC,Pë.

PμPsCĤCĤC€PμPSPSCĤ C,,CĤPSPeC†C-C— PSPëCĤPsPe.

PμCĤPμPĭP°CĤP°C, PIPëPIPsPrPëC,CHCĤCĤ PSPëCĤPeP°PjPë, C,PsPjCr PSPμPsP±C...C-PrPSPs
PsCĤPsP±P»PëPICr CrPIP°PĭCr PĭCĤPëPrC-P»CĤC,Pë C...PIPsCĤPëPj P· PSPëCĤPePsPIPsCĤ
PSPμPrPsCĤC,P°C,PSC-CĤC,CĤ (PrPëPI. CĤPsP·PrC-P» B«PŸPĭPsCĤC-P±
P·P°CĤC,PsCĤCrPIP°PSPSCĤ C,P° PrPsP·PëB»).

PμP°C†C-C"PS C,Pë P»C-C,PSCHĤPsPiPs PIC-PeCĤ.

PμCĤPë PrPsPIPiPsC,CĤPëPIP°P»C-PNë C,PμCĤP°PĭC-C— Cr C...PIPsCĤPëC... P»C-C,PSCHĤPsPiPs
PIC-PeCr CĤPμPePsPjPμPSPPrCrC"C,CHCĤCĤ CĤPμPĭCrP»CĤCĤPSPëPNë PePsPSC,CĤPsP»CH
PĭPsPeP°P·PSPëPeC-PI C,,CrPSPeC†C-C— PSPëCĤPsPe, P·P° PSPμPsP±C...C-PrPSPsCĤC,C-
PePsCĤPëPĭCrCĤC,CH PrPsP·Cr P·P°P»PμPĤPSPs PIC-Pr CĤPμP·CrP»CHĤC,P°C,C-PI
PrPsCĤP»C-PrPĤPμPSPSCĤ PeP»C-CĤPμPSCĤCr PeCĤPμP°C,PëPSC-PSCr (PrPëPI. CĤPsP·PrC-P»
B«PŸPĭPsCĤC-P± P·P°CĤC,PsCĤCrPIP°PSPSCĤ C,P° PrPsP·PëB»).

PμPμCĤPμCĤPëPIP°PSPSCĤ P·P°CĤC,PsCĤCĤPIP°PSPSCĤ.

PμCĤPë P»C-PeCrPIP°PSPSC- C...PIPsCĤPëC... PSP° PePsCĤC,PëPeP°P»CHĤPSCr

$$\underline{\text{P}''\text{PsCH}_2\text{PsCH}_2'\text{P}} \gg \text{C}-.$$

*P>C-PeCáPIP°PSPSCIJ CÍC,P°PSC-PI, C%oPs CÍCáPíCĤPsPIPsPrP¶CáCĤC,CHCÍCÍB
PíPsPiC-CĤC€PµPSPSCIJPj PíP°Pjĵ™ CÍC,C-, PePsPiPSC-C,PëPIPSPëPjPë CĤPsP·P»P°PrP°PjPë.*

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 2,4БĤ“4,8 Pi.
P—P°P·PIPëC†P°PNë PrPsP·Cr CĤPsP·PíPsPrC-P»CÍCĤC,CH PSP° 2БĤ“3 PíCĤPëPNëPsPjPë.

P>C-PeCáPIP°PSPSCIJ PePsCĤC,PëPeP°P»CHPSPsC— PjC-PsPeP»PsPSC-C—.

PµPsC†P°C,PePsPIP° PrPsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 7,2 Pi, CÍPeCr
P·P±C-P»CHC€CrCĤC,CH PSP° 4,8 Pi PePsP¶PSC- C,CĤPë P°P±Ps C†PsC,PëCĤPë PrPSC- PrPs
PjP°PeCÍPëPjP°P»CHPSPsC— PrPsP·Pë 24 Pi, CÍPeCr CĤPsP·PíPsPrC-P»CÍCĤC,CH PSP° PrPIP°
P°P±Ps C,CĤPë PíCĤPëPNëPsPjPë. P>C-PeCáPIP°PSPSCIJ C-PSC€PëPjPë
P°PSC,PëPjC-PsPeP»PsPSC-C†PSPëPjPë P·P°CÍPsP±P°PjPë PíC-PrC,CĤPëPjCÍC“C,CHCÍCÍ CÍ
PíPsPiPµCĤPµPrPSCĤPs PíCĤPëP·PSP°C†PµPSPëC... PrPsP·P°C.... P—P°P»PµP¶PSPs PIC-Pr
PsC,CĤPëPjP°PSPsPiPs C,PµCĤP°PíPµPIC,PëC†PSPsPiPs PµC,,PµPeC,Cr, CÍPeC%oPs
PjPsP¶P»PëPIPs, CÍP»C-Pr P·PSPëP·PëC,Pë PrPsP·Cr C-PSC€PëC...
P°PSC,PëPjC-PsPeP»PsPSC-C†PSPëC... P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI.

P>C-PeCáPIP°PSPSCIJ PíCĤPsPrPsPIP¶CÍCĤC,CH PrPs P·PSPëPePSPµPSPSCIJ
CÍPëPjPíC,PsPjC-PI P·P°C...PIPsCĤCĤPIP°PSPSCIJ. Pj PíP°C†C-C“PSC,C-PI P· PíPsCÍC,CĤPëPj
PíPµCĤPµP±C-PíPsPj P·P°C...PIPsCĤCĤPIP°PSPSCIJ P· C†P°CÍPsPj PjPsP¶Pµ
CÍPíPsCÍC,PµCĤC-PíP°C,PëCÍCÍ CÍPíPsPSC,P°PSPSPµ PíPsPeCĤP°C%oPµPSPSCIJ, C,PsPjCr
PePsP¶PSC- 6 PjC-CÍCÍC†C-PI CÍP»C-Pr CĤPsP±PëC,Pë CÍPíCĤPsP±Cr P·PSPëP·PëC,Pë
PrPsP·Cr P°P±Ps PIC-PrPjC-PSPëC,Pë P»C-PeCáPIP°PSPSCIJ PíCĤPµPíP°CĤP°C,PsPj. P—
C†C-C“CĤ PjPµC,PsCĤ PrPsP·Cr PíC-CĤP°C†PµC,P°PjCr P·PSPëP¶CÍCĤC,CH PSP° 1,2 Pi
PePsP¶PSC- PrPIP° PrPSC- (PePsP¶PSC- C,CĤPë P°P±Ps C†PsC,PëCĤPë PrPSC- Cr CĤP°P·C-
CÍPëPSPPrCĤPsPjCr P>P°PSC†P° БĤ“ PĥPrP°PjCÍP° P· PjPµC,PsCĤ PíPsPiPµCĤPµPrP¶PµPSPSCIJ
CĤP°PíC,PsPIPsPiPs CĤPµC†PëPrPëPICr P°P±Ps PíPëPSPëPePSPµPSPSCIJ CÍCrPrPsPj,
PíPsPiБĤ™ CÍP·P°PSPëC... P· PIC-PrPjC-PSPsCĤ PíCĤPµPíP°CĤP°C,Cr).

PhCÍPsP±P»PëPIC- PíCĤCáPíPë PíP°C†C-C“PSC,C-PI.

P—P°CÍC,PsCÍCrPIP°PSPSCIJ PíP°C†C-C“PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCr.

PµPsCĤPµPeC†C-CÍ PrPsP·Pë CĤPµPePsPjPµPSPPrCÍC“C,CHCÍCÍ PíP°C†C-C“PSC,P°Pj
P»C-C,PSCHPsPiPs PIC-PeCr P· PrC-P°PiPSPsCÍC,PsPIP°PSPëPjPë P°P±Ps
PíC-PrPsP·CĤCĤPIP°PSPëPjPë CĤPsP·P»P°PrP°PjPë C,,CrPSPeC†C-C— PSPëCĤPsPe (PrPëPI.
CĤPsP·PrC-P» B«P”PsP·CrPIP°PSPSCIJ C...PIPsCĤPëPj P· PíPsCĤCrC€PµPSPSCIJPj
C,,CrPSPeC†C-C— PSPëCĤPsPeB»). PµCĤPë PrPsPIPsC,CĤPëPIP°P»PsPjCr P»C-PeCáPIP°PSPSC-
Cr CĤP°P·C- PSPµPsP±C...C-PrPSPsCÍC,C- C,P°PePëPj PíP°C†C-C“PSC,P°Pj PíPsC,CĤC-P±PSPs
PePsPSC,CĤPsP»CĤPIP°C,Pë PeP»C-CĤPµPSCÍ PeCĤPµP°C,PëPSC-PSCr P· PjPµC,PsCĤ
P°PrPµPePIP°C,PSPsC— PePsCĤPµPeC†C-C— PrPsP·Pë.

P”PsP·CrPIP°PSPSCIJ C...PIPsCĤPëPj P· PíPsCĤCrC€PµPSPSCIJPj C,,CrPSPeC†C-C— PSPëCĤPsPe.

PhCÍPeC-P»CHPePë PíCĤPµPíP°CĤP°C, PíPëPIPsPrPëC,CHCÍCÍ P· PsCĤPíP°PSC-P·PjCr
PSPëCĤPeP°PjPë, CÍP»C-Pr PíPëCÍPIP»CÍC,Pë PsP±PµCĤPµP¶PSC-CÍC,CH PíCĤPë
P»C-PeCáPIP°PSPSC- C...PIPsCĤPëC... P· PSPëCĤPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ, Cr
C,P°PePëC... PíP°C†C-C“PSC,C-PI CĤPµPePsPjPµPSPPrCÍC“C,CHCÍCÍ
PePsPSC,CĤPsP»CĤPIP°C,Pë C,,CrPSPeC†C-CĤ PSPëCĤPsPe.

P—P±C-P»CHC€PµPSPSCIJ PíPµCĤC-PsPrCr PSP°PíC-PIPIPëPIPµPrPµPSPSCIJ
P±PµP·PíPsCÍPµCĤPµPrPSCĤPs PíPsPiБĤ™ CÍP·P°PSPs P· PíPsPiC-CĤC€PµPSPSCIJPj

C,,CfPSPeC†C-C— PSPëCĤPsPe C- PeP»C-CĤPμPSCÍCf PeCĤPμP°C,PëPSC-PSCf. P|Pμ C,P°PePsP¶
CÍC,PsCÍCfC”C,CHCÍCĬ PİP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf, Cf CĬPePëC...
PIPëPIPμPrPμPSPSCĬ PeCĤPμP°C,PëPSC-PSCf P·P°P»PμP¶PëC,CH PIC-Pr PIC-PeCf.
P†PSC,PμCĤPIP°P» PjC-P¶ PİCĤPëPNëPsPjP°PjPë PİPsC,CĤC-P±PSPs CÍPePsCĤPëPiCfPIP°C,Pë
PSP° PsCÍPSPsPIC- C,,CfPSPeC†C-C— PSPëCĤPsPe.

P PsP·CĤP°C...CfPSPsPe PrPsP·Pë PİCĤPsPIPsPrCĬC,CH PSP° PsCÍPSPsPIC-
PsC†C-PSPePë PeP»C-CĤPμPSCÍCf PeCĤPμP°C,PëPSC-PSCf Cf PİP°C†C-C”PSC,P° P·P°
C,,PsCĤPjCfP»PsCĤ:



P>C-PeCfPIP°PSPSCĬ C,P°PePëPj C...PIPsCĤPëPj PİCĤPëP·PSP°C†P°CĤC,CH P·P°P»PμP¶PSPs
PIC-Pr CÍC,CfPİPμPSCĬ C,CĬP¶PePsCÍC,C- PSPëCĤPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-,
PrPsC,CĤPëPjCfCĤC†PëCÍCĤ C,P°PePëC... CĤPμPePsPjPμPSPPrP°C†C-PNë:

PŸC,CfPİC-PSCH PSPëCĤPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- (PjP»/C...PI)	P»P»C-CĤPμPSCÍ PeCĤPμP°C,PëPSC-PSCf	P”PsP·CfPIP°PSPSCĬ
PkPsCĤPjP°P»CHPSP° C,,CfPSPeC†C-CĬ PSPëCĤPsPe	> 80	P—PIPëC†P°PNëPSP° PrPsP·P°, CĤPsP·PrC-P»PμPSP° PSP° 2 P°P±Ps 4 PİCĤPëPNëPsPjPë
P>PμPiPePëPNë	50BĤ”79	2/3 P·PIPëC†P°PNëPSPsC— PrPsP·Pë P·P° 2BĤ”3 PİCĤPëPNëPsPjPë
PμPsPjC-CĤPSPëPNë	30BĤ”49	1/3 P·PIPëC†P°PNëPSPsC— PrPsP·Pë P·P° 2 PİCĤPëPNëPsPjPë
PŸCĬP¶PePëPNë	< 30	1/6 P·PIPëC†P°PNëPSPsC— PrPsP·Pë PsPrPSPsCĤP°P·PsPIPs
PŸPμCĤPjC-PSP°P»CHPSP° CÍC,P°PrC-CĬ	BĤ”	PμCĤPsC,PëPiPsPeP°P·P°PSPs

P”PsP·CfPIP°PSPSCĬ C...PIPsCĤPëPj P· PİPsCĤCfC€PμPSPSCĬPj C,,CfPSPeC†C-C—
PİPμC†C-PSPePë.

P»PsCĤPëPiCfPIP°PSPSCĬ PrPsP·Pë PSPμ PİPsC,CĤC-P±PSPμ PrP»CĬ C...PIPsCĤPëC... P·
PİPsCĤCfC€PμPSPSCĬPj C,C-P»CHPePë C,,CfPSPeC†C-C— PİPμC†C-PSPePë. Pj CĤP°P·C-

PrC-P°PiPSPsCfC,PsPIP°PSPëC... P°P±Ps PiC-PrPsP·CfCfPIP°PSPëC... CfPsP·P»P°PrC-PI
C,,CrPSPeC†C-C— PiPµC†C-PSPePë C,P° PSPëCfPsPe PePsCfPµPeC†C-Cf PrPsP·Pë
PiCfPsPIPPrCfC,Ch C,P°Pe, CµPe PIPeP°P·P°PSPs Cr CfPsP·PrC-P»C- B«P°PsP·CrPIP°PSPSCf
C...PIPsCfPëPj P· PiPsCfCrC€PµPSPSCfPj C,,CrPSPeC†C-C— PSPëCfPsPeB».

P°C-C,Pë.

PkPµ P·P°CfC,PsCfPsPICfCfC,Ch.

PµPµCfPµPrPsP·CzPIP°PSPSCf.

PŸPëPjPiC,PsPjPë: PiPsCfPëP»PµPSPSCf PiCfPsCfPIC-PI PiPsP±C-C†PSPsC— PrC-C—
PiCfPµPiP°CfP°C,Cr. PŸPëPjPiC,PsPjPë PiPµCfPµPrPsP·CrPIP°PSPSCf
CfPiPsCfC,PµCfC-PiP°P»PëCfCf PiCfPë PiPµCfPsCfP°P»ChPSPsPjCr
P·P°CfC,PsCfCrPIP°PSPSC- PiCfPµPiP°CfP°C,Cr Cr PrPsP·C- 75 Pi.

P>C-PeCzPIP°PSPSCf CfPëPjPiC,PsPjP°C,PëC†PSPµ: PiCfPsPjPëPIP°PSPSCf C€P»CrPSPeP°,
C-PSPrCrPeC†C-Cf P±P»CfPIP°PSPSCf. PŸPiPµC†PëC,,C-C†PSPsPiPs P°PSC,PëPrPsC,P°
PSPµPjP°C", PjPsP¶PSP° P·P°CfC,PsCfPsPICfPIP°C,Pë PiPµPjPsPrC-P°P»C-P·
(PIPëPIPµPrPµPSPSCf 50Bf"60 % PiC-CfP°C†PµC,P°PjCr).

PµPsP±C-C†PSC- CfPµP°PeC†C-C—.

PµPsP±C-C†PSC- CfPµP°PeC†C-C—, PIC-PrPjC-C†PµPSC- Cr C...PsPrC- PeP»C-PSC-C†PSPëC...
PIPëPiCfPsP±CrPIP°PSCf C,P° PiCfPsC,CfPiPsPj PiPsCfC,PjP°CfPePµC,PëPSPiPsPiPs
CfPiPsCfC,PµCfPµP¶PµPSPSCf, PiPµCfPµCfP°C...PsPIP°PSC- P·P° PeP»P°CfP°PjPë
CfPëCfC,PµPj PsCfPiP°PSC-PI C,P° C†P°CfC,PsC,PsCf.

PŞP°CfC,PsC,P° PIPëP·PSP°C†P°C",ChCfCf C,P°PePëPj C†PëPSPsPj: PrCrP¶Pµ C†P°CfC,Ps (≥
1/10), C†P°CfC,Ps (≥ 1/100 PrPs <1/10), PSPµC†P°CfC,Ps (≥ 1/1000 PrPs <1/100), CfC-PrPePs (≥
1/10 000 PrPs <1/1000), PrCrP¶Pµ CfC-PrPePs (<1/10000), C†P°CfC,PsC,P° PSPµPIC-PrPsPjP°
(PSPµ PjPsP¶PSP° PsC†C-PSPëC,Pë C†P°CfC,PsC,CrB PSP° PsCfPSPsPIC- PrPsCfC,CrPiPSPëC...
PrP°PSPëC...).

PµPsCfC,PjP°CfPePµC,PëPSPiPsPIC- PrP°PSC- PSPµPrPsCfC,P°C,PSC- PrP»Cf
CfPsP·CfP°C...CrPSPeCr C†P°CfC,PsC,Pë PIPëPSPëPePSPµPSPSCf PiPsP±C-C†PSPëC...
CfPµP°PeC†C-PNë Cr PiCfPsP»C-PePsPIP°PSC-PNë PiPsPiCrP»CfC†C-C—.

P— P±PsPeCz PeCfPsPIC- C,P° P»C-PjC,,P°C,PëC†PSPsC— CfPëCfC,PµPjPë.

PŞP°CfC,PsC,P° PSPµPIC-PrPsPjP°: PiPµPjPsCfP°PiC-C†PSC- CfPsP·P»P°PrPë.

P— P±PsPeCz C-PjCzPSPSPsC— CfPëCfC,PµPjPë.

PŞP°CfC,PsC,P° PSPµPIC-PrPsPjP°: PiC-PiPµCfC†CrC,P»PëPIC-CfC,Ch,
P°PSP°C,,C-P»P°PeC,PsC—PrPSC- CfPµP°PeC†C-C—.

PµCfPëC...C-C†PSC- CfPsP·P»P°PrPë. B

$\text{P}_{\mu}\text{PsPIC}-\text{PrPsPjP}\gg\text{P}_{\mu}\text{PSPSC}\sqcup\text{P}\ddot{\text{C}}\overline{\text{C}}\overline{\text{H}}\text{Ps}\text{P}\ddot{\text{P}}\text{S}\text{P}\pm\text{C}-\text{C}\ddagger\text{PSC}-\overline{\text{C}}\overline{\text{H}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-\text{P}\ddot{\text{C}}-\text{C}\ddagger\text{P}\gg\text{C}\sqcup$
 $\overline{\text{C}}\overline{\text{H}}\text{P}_{\mu}\text{C}''\text{C}\ddagger\text{C},\overline{\text{C}}\overline{\text{H}}\text{P}^{\circ}\text{C}\ddagger\text{C}-\text{C}-\text{P}\gg\text{C}-\text{PeP}^{\circ}\overline{\text{C}}\overline{\text{H}}\text{C}\ddagger\text{CHPePsPiPs}\text{P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{PsP}\pm\text{C}\ddagger\text{PjP}^{\circ}\text{C}''\text{PIP}^{\circ}\text{P}\ddagger\text{P}\gg\text{P}\ddot{\text{P}}\text{PIP}_{\mu}$
 $\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}_{\mu}\text{PSPSC}\sqcup.\text{P}\ddagger\text{P}_{\mu}\text{PrP}^{\circ}\text{C}''\text{P}\cdot\text{PjPsPiC}\ddagger\text{P}\ddot{\text{C}}\overline{\text{C}}\overline{\text{H}}\text{PsPIP}\text{PrP}\ddot{\text{P}}\text{C},\text{P}\ddot{\text{P}}\text{PjPsPSC}-\text{C},\text{Ps}\overline{\text{C}}\overline{\text{H}}\text{P}\ddot{\text{P}}\text{PSPi}$
 $\text{C}\ddagger\text{P}\ddot{\text{C}}-\text{PIPIC}-\text{PrPSPsC}\ddagger\text{P}_{\mu}\text{PSPSC}\sqcup\text{PePsC}\overline{\text{C}}\overline{\text{H}}\text{P}\ddot{\text{P}}\text{C}\ddagger\text{C},\text{CH}/\overline{\text{C}}\overline{\text{H}}\text{P}\ddot{\text{P}}\text{P}\cdot\text{P}\ddot{\text{P}}\text{Pe}\text{P}\ddot{\text{C}}\overline{\text{C}}\overline{\text{H}}\text{P}\ddot{\text{P}}$

P·P°CÍC,PsCÍCrPIP°PSPSC- C†CHbPsPiPs P»C-PeP°CĤCÍCHbPePsPiPs P·P°CÍPsP±Cf.
PĤPμPrPëC†PSPëPj C,P° C,,P°CĤPjP°C†PμPIC,PëC†PSPëPj PíCĤP°C†C-PIPSPëPeP°Pj, P°
C,P°PePsP¶ PíP°C†C-C"°PSC,P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPëPj
PíCĤPμPrCÍC,P°PIPSPëPeP°Pj CÍP»C-Pr PíPsPIC-PrPsPjP»CÍC,Pë PíCĤPs CrCÍC-
PIPëPíP°PrPePë PíC-PrPsP·CĤCĤPIP°PSPëC... PíPsP±C-C†PSPëC... CĤPμP°PeC†C-PNë C,P°
PIC-PrCÍCrC,PSPsCÍC,C- PμC,,PμPeC,PëPIPSPsCÍC,C- P»C-PeP°CĤCÍCHbPePsPiPs P·P°CÍPsP±Cf
C†PμCĤPμP· PĤPIC,PsPjP°C,PëP·PsPIP°PSCr C-PSC,,PsCĤPjP°C†C-PNëPSCr CÍPëCÍC,PμPjCr P·
C,,P°CĤPjP°PePsPSP°PiP»CÍPrCr P·P° PíPsCÍPëP»P°PSPSCÍPj: <https://aisf.dec.gov.ua>.

PŷPμCĤPjC-PS PíCĤPëPrP°C,PSPsCÍC,C-. 4 CĤPsPePë.

PJPjPsPIPë P·P±PμCĤC-PiP°PSPSCÍ. PkPμ PIPëPjP°PiP°C" PsCÍPsP±P»PëPIPëC...
CfPjPsPI P·P±PμCĤC-PiP°PSPSCÍ.

P—P±PμCĤC-PiP°C,Pë Cr PSPμPrPsCÍC,CfPíPSPsPjCr PrP»CÍ PrC-C,PμPNë PjC-CÍC†C-.

PkPμCÍCžPjC-CÍPSC-CÍC,CH.

PkPμPIC-PrPsPjP°.

PJPíP°PePsPIPeP°. PŷP°P±P»PμC,PePë, PIPeCĤPëC,C- PíP»C-PIPePsPIPsCĤ
PsP±PsP»PsPSPePsCĤ, PíPs 800 PjPi, PíPs 15 C,P°P±P»PμC,PsPe Cr P±P»C-CÍC,PμCĤC-, B,,- 30
(15C...2) Cr PeP°CĤC,PsPSPSC-PNë PíP°C†C†C-; P°P±Ps PíPs 1200 PjPi, PíPs 10 C,P°P±P»PμC,PsPe
Cr P±P»C-CÍC,PμCĤC-, B,,- 20 (10C...2) Cr PeP°CĤC,PsPSPSC-PNë PíP°C†C†C-.

PĤP°C,PμPiPsCĤC-CÍ PIC-PrPíCrCÍPeCr. P—P° CĤPμC†PμPíC,PsPj.

P'PëCĤPsP±PSPëPe.

1)B P®PŷP' PαP°CĤPjP°, P'PμP»CHbPiC-CÍ / UCB Pharma, Belgium;

2)B P·PNëCÍC-PeP° PαP°CĤPjP°CÍCHbCĤC,PëPeP°P»P· P"PjP±Pí, PkC-PjPμC†C†PëPSP° / Aesica
Pharmaceuticals GmbH, Germany.

**PĤC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCÍ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPμCÍP°
PjC-CÍC†CÍ PíCĤPsPIP°PrP¶PμPSPSCÍ PNëPsPiPs PrC-CÍP»CHbPSPsCÍC,C-.**

1) P\$PμPjC-PS P"CĤ PαPsCĤC-PμCÍC, 1, P'CĤP°C-PSPμ-P»BĤ™P°P»PμCrPr, 1420,
P'PμP»CHbPiC-CÍ / Chemin Du Foriest 1, Braine-LbĤ™alleud, 1420, Belgium;

2)B P_hP»CH₃C,,C₇P_uPr-P_kPsP±P_uP»CH₃-P_EC,C₇. 10, 40789 P_hPsPSC...P°PN₂P_j PSP° P P_uPN₂PSC-, P_kC-P_jP_uC‡C‡P_ePSP° / Alfred-Nobel-Str. 10, 40789 Monheim am Rhein, Germany.

P—P°CΠIPSPëP_e.

P®P_YP' P_αP°C₇P_jP° P_Y.P_h., P'P_uP»CH₃PiC-C₇ /

UCB Pharma S.A., Belgium.

P_hC-C₇C‡P_uP·PSP°C...PsPrP¶P_uPSPSC₇ P·P°CΠIPSPëP_eP°.

P_hP»P»P_u PrP_u P»C₇ P P_uC€P_uC₇C€ 60, P'-1070 P'C₇C_hC₇P_uP»CH₃, P'P_uP»CH₃PiC-C₇ /

Allee de la Recherche 60, B-1070 Brussels, Belgium.