

РЛР₅РГ Р_hР_ŷРГ Р_{Н04}Р_h Р_{Ÿ01}.

P₇PsP»C...C-C†PëPS C€PIPëPrPePs C₇H₉PsP·PiPsPrC-P»C₄C”C,C₆H₆C₄C₄ C₄
P»PμPN₂PePsC†PëC,P°C... PiPμC₇H₉PëC,,PμC₇H₉PëC‡PSPSc— PeC₇H₉PsPIC-, C- PN₂PsPiPs
PePsPSC†PμPSC,C₇H₉P°C†C-C₄ C₄ C†PëC... PeP»C-C,PëPSP°C... PIP¶Pμ C‡PμC₇H₉PμP· 72
PiPsPrPëPSPë PjPsP¶Pμ PiPμC₇H₉PμPIPëC%oC₄PIP°C,Pë PePsPSC†PμPSC,C₇H₉P°C†C-C₇ C₄
PiP»P°P·PjC- PeC₇H₉PsPIC- (C‡PμC₇H₉PμP· 15 C...PIPëP»PëPS PePsPSC†PμPSC,C₇H₉P°C†C-C₄ C₄

РμCḡPsC, PëPīPsPeP°P·P°PSPSCII.

РμC-PrPIPëC%PμPSP° C†CḡC, P»PëPIC-CḡC, Cḡ PrPs PePsP»C...C-C†PëPSCḡ P°P±Ps PrPs CḡPeP»P°PrPsPIPëC... PīCḡPμPīP°CḡP°C, Cḡ.

РμP°C†C-C°PSC, P°Pj P· PīPsCḡCḡC€PμPSPSCII Pj C,, CḡPSPeC†C-C— PSPëCḡPsPe P°P±Ps PīPμC†C-PSPePë CḡP»C-Pr CḡPSPëPeP°C, Pë P·P°CḡC, PsCḡCḡPIP°PSPSCII PePsP»C...C-C†PëPSCḡ CḡP°P·PsPj P· C-PSPiC-P±C-C, PsCḡP°PjPë P -PiP»C-PePsPīCḡPsC, PμC—PSCḡ P°P±Ps CḡPëP»CḡPSPëPjPë C-PSPiC-P±C-C, PsCḡP°PjPë CYP3A4 C†PμCḡPμP· P·P±C-P»CḡC€PμPSPSCII CḡPëP·PëPeCḡ PIPëPSPëPePSPμPSPSCII PSPμCḡPīCḡPëCḡC, P»PëPIPëC... PμC,, PμPeC, C-PI PePsP»C...C-C†PëPSCḡ. РμPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PSPμP±PμP·PīPμC†PSCḡ PrP»Cḡ P¶PëC, C, Cḡ C- P»PμC, P°P»CḡPSCḡ C, PsPeCḡPëC†PSC-CḡC, Cḡ PePsP»C...C-C†PëPSCḡ Cḡ C†PëC... PīP°C†C-C°PSC, C-PI PīCḡPë P·P°CḡC, PsCḡCḡPIP°PSPSC- PI C, PμCḡP°PīPμPIC, PëC†PSPëC... PrPsP·P°C....

РμCḡPμPīP°CḡP°C, PīCḡPsC, PëPīPsPeP°P·P°PSPëPNḡ PīP°C†C-C°PSC, P°Pj, CḡPeC- PīPμCḡPμP±CḡPIP°CḡC, Cḡ PSP° PrC-P°P»C-P·C-.

P'P·P°C°PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C, P° C-PSC€C- PIPëPrPë PIP·P°C°PjPsPrC-PNḡ.

РμPsP»C...C-C†PëPS PjPsP¶Pμ PīPsPiC-CḡC€PëC, Pë PICḡPjPsPeC, CḡPIP°PSPSCII PIC-C, P°PjC-PSCḡ P' ₁₂.

РμPsP»C...C-C†PëPS C° CḡCḡP±CḡC, CḡP°C, PsPj CYP3A4 C- C, CḡP°PSCḡPīPsCḡC, PSPsPiPs P±C-P»PeP° P -PiP»C-PePsPīCḡPsC, PμC—PSCḡ.

P—P° PSP°CḡPIPSPsCḡC, C- C-PSPiC-P±C-C, PsCḡC-PI CYP3A4 P°P±Ps P - PiP»C-PePsPīCḡPsC, PμC—PSCḡ PePsPSC†PμPSC, CḡP°C†C-Cḡ PePsP»C...C-C†PëPSCḡ PI PeCḡPsPIC- PjPsP¶PμB P·CḡPsCḡC, P°C, Pë.

PḡPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCII PePsP»C...C-C†PëPSCḡ P· C†PëPeP»PsCḡPīPsCḡPëPSPsPj, C-PSPiC-P±C-C, PsCḡP°PjPë HMG-CoA-CḡPμPrCḡPeC, P°P·Pë (CḡC, P°C, PëPSP°PjPë), C,, C-P±CḡP°C, P°PjPë, PePμC, PsPePsPSP°P·PsP»PsPj, PrPμCḡPePëPjPë P°PSC, Pë-P'P†P· PīCḡPμPīP°CḡP°C, P°PjPë, PjP°PeCḡPsP»C-PrPSPëPjPë P°PSC, PëP±C-PsC, PëPeP°PjPë, C†PëPjPμC, PëPrPëPSPsPj, PIPμCḡP°PīP°PjC-P»PsPj, PrPëP»C, C-P°P·PμPjPsPj, CḡP°PSPsP»P°P·PëPSPsPj, PrPëPiPsPeCḡPëPSPsPj, P·PSP°C†PSPsCḡ PeC-P»CḡPeC-CḡC, Cḡ CḡPsPeCḡ PīCḡPμPNḡPīC,, CḡCḡC, P° (1000 PjP»/PrPsP±Cḡ) C, P° C-PSC€PëPjPë C-PSPiC-P±C-C, PsCḡP°PjPë CYP3A4 P°P±Ps P -PiP»C-PePsPīCḡPsC, PμC—PSCḡ, PsCḡPsP±P»PëPIPs Cḡ PīP°C†C-C°PSC, C-PI P· PSPëCḡPePsPIPsCḡ PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ, PjPsP¶Pμ CḡPīCḡPëC†PëPSPëC, Pë PīPsCḡCḡC€PμPSPSCII P· P±PsPeCḡ PeC-CḡC, PePsPIPsPiPs PjPsP·PeCḡ, P°PīCḡP°PSCḡP»PsC†PëC, PsP·, PSPμPNḡCḡPsPjC-PsPīP°C, C-Cḡ, PjC-PsPīP°C, C-Cḡ P°P±Ps CḡP°P±PrPsPjC-PsP»C-P· C, P° C-PSC€C- PīPsP±C-C†PSC- PμC,, PμPeC, Pë, P° C, P°PePsP¶ PIPëCḡPsPePëPNḡ, PīPsC, PμPSC†C-PNḡPSPs PSPμP±PμP·PīPμC†PSPëPNḡ PrP»Cḡ P¶PëC, C, Cḡ CḡC-PIPμPSCḡ PePsP»C...C-C†PëPSCḡ Cḡ CḡPëCḡPsPIP°C, C†C- PeCḡPsPIC-.

P'CḡP»Pë P·P°CḡPμC°CḡC, CḡPsPIP°PSC- PSPμP±PμP·PīPμC†PSC- PrP»Cḡ P¶PëC, C, Cḡ C, P° P»PμC, P°P»CḡPSC- P»C-PeP°CḡCḡCḡPeC- PIP·P°C°PjPsPrC-C— Cḡ PīP°C†C-C°PSC, C-PI,

CΠPeC- PsC,C₇H₆PëPjCrPIP°P»Pë PePsP»C...C-C†PëPS Cr PïPsC”PrPSP°PSPSC- C-P.
CΓPëP»CH₆PSPëPjPë C-PSPiC-P±C-C,Psc₇H₆P°PjPë P -PiP»C-PePsPiC₇H₆PsC,PμC—PSCr C,P° CYP3A4.

Pj CḡP°P·C- PSpμPsP±C...C-PrPSPsCfC,C-B PīCḡPsPIpμPrPμPSPSCl P»C-PeCfPIP°PSPSCl C-P·
P·P°CfC,PsCfCfPIP°PSPSClPj C-PSPiC-P±C-C,PsCḡP° P -PiP»C-PePsPīCḡPsC,PμC—PSCf P°P±Ps
CfPēP»CHḡPSPsPiPs C-PSPiC-P±C-C,PsCḡP° CYP3A4 PīP°C†C-C”PSC,P°Pj C-P·
PSPsCḡPjP°P»CHḡPSPsCḡ C,,CfPSPeC†C-C”Cḡ PSPēCḡPsPe P°P±Ps PīPμC†C-PSPePē PjPsP¶Pμ
P±CfC,Pē PīPsC,CḡC-P±PSPs PePsCḡPēPiCfPIP°PSPSCl PrPsP·Pē PePsP»C...C-C†PēPSCf.
PhPrPSPsC†P°CfPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCl C,P°PePēC... C-PSPiC-P±C-C,PsCḡC-PI
C,P° PePsP»C...C-C†PēPSCf PSPμPsP±C...C-PrPSPs CfPSPēPeP°C,Pē PīP°C†C-C”PSC,P°Pj P·
PSPēCḡPePsPIPsCḡ P°P±Ps PīPμC†C-PSPePsPIPsCḡ PSPμPrPsCfC,P°C,PSC-CfC,Cḡ (PrPēPI.
CḡPsP·PrC-P» B<PμCḡPsC,PēPīPsPeP°P·P°PSPSClB»).

PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC† P°C,PsC†PIP°C†C,P°C,PëPSC†,
C†PëPjPIP°C†C,P°C,PëPSC†, P†C†P°PIP°C†C,P°C,PëPSC†, C„P»C†PIP°C†C,P°C,PëPSC†,
PiPμPjC„C-P±C†PSP·PëP»C† P°P±Ps C„C-P±C†P°C,C-PI (PiPsPiB†™ C†P·P°PSPμ P·
PjC-PsC,PsPeC†PëC†PSC-C†C,C†) C,P° C†PëPeP»PsC†PiPsC†PëPSC† P· PePsP»C...C-C†PëPSPsPj
PjPsP¶Pμ PiC†PëP·PIPμC†C,Pë PrPs PjC-PsPiP°C,C-C—. P†PëPjPiC,PsPjPë P·P°P·PIPëC†P°PNë
P·PSPëPeP°C†C,C† P†C-C†P»C† PiC†PëPiPëPSPμPSPSC† P·P°C†C,PsC†C†PIP°PSPSC†
PiC†PSC,C†PiPsPj PiPμC†C-PsPrC† PIC-Pr 1 C,PëP¶PSC† PrPs PrPμPeC-P»C†PePsC...
PjC-C†C†C†C-PI.

$$\begin{aligned} & \text{PhPrPSPsC}\ddagger\text{P}^{\circ}\text{C}\dot{\Gamma}\text{PSP}\mu \cdot \text{P}^{\circ}\text{C}\dot{\Gamma}\text{C}, \text{PsC}\dot{\Gamma}\text{C}\dot{\Gamma}\text{PIP}^{\circ}\text{PSPSC}\dot{\Gamma} \text{PePsP}\gg\text{C}\dots\text{C}-\text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSC}\dot{\Gamma} \text{C}, \text{P}^{\circ} \\ & \mu\text{C}\dot{\Gamma}\text{P}\ddot{\text{e}}\text{C}, \text{C}\dot{\Gamma}\text{PsPjC}-\text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSC}\dot{\Gamma}/\text{PeP}\gg\text{P}^{\circ}\text{C}\dot{\Gamma}\text{P}\ddot{\text{e}}\text{C}, \text{C}\dot{\Gamma}\text{PsPjC}-\text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSC}\dot{\Gamma} \text{PiC}\dot{\Gamma}\text{PsC}, \text{P}\ddot{\text{e}}\text{PiPsPeP}^{\circ}\text{P}^{\circ}\text{PSP}\mu. \end{aligned}$$

$\text{PrPsPIC-PrPsPjP} \gg \text{CIP} \gg \text{PsCfCf} \text{ PiCfPs} \text{ PiC-PrPIP} \text{ eC} \text{ }_{\text{oo}} \text{P}_{\text{u}} \text{PSP} \text{ ePN}_{\text{e}} \text{ CfC-PIP}_{\text{u}} \text{PSCH}$
 $\text{PePsP} \gg \text{C} \dots \text{C-ClP} \text{ ePSCf} \text{ PI PiP} \gg \text{P}^{\circ} \text{P} \cdot \text{PjC-} \text{PeCfPsPIC-} \text{PiCfPe} \text{ PsPrPSPsCfP}^{\circ} \text{P} \cdot \text{PsPIC-PN}_{\text{e}} \text{ PrPsP} \cdot \text{C-}$
 $\text{PeP}_{\text{u}} \text{C,PsPePsPSP}^{\circ} \text{P} \cdot \text{PsP} \gg \text{Cr, CfPeC,PsPSP}^{\circ} \text{PIC-CfCr, PIP}_{\text{u}} \text{CfP}^{\circ} \text{PiP}^{\circ} \text{PjC-P} \gg \text{Cr C,P}^{\circ}$
 $\text{PrPeP} \gg \text{C,C-P}^{\circ} \text{P} \cdot \text{P}_{\text{u}} \text{PjCr}.$

$$PhCIPsP \pm P \gg P \ddot{e}PIP sCIC, C- P \cdot P^{\circ}CIC, PsCIC \dot{z}PIP^{\circ}PSPSCII.$$

P₇PSP»C...C-†PëPS PìPsC,PμPSC†C-PNēPSPs C,PspEcÍPëC†PSPëPNē, C,PspJcÍ PIP°P¶P»PëPIPs
PSPμ PìPμC¶PμPIPëC%oCíPIP°C,Pë PrPsP·Cí, PìC¶PëP·PSP°C†PμPSCí C,,P°C...C-PIC†PμPj, C%oPs
PjP°C” PSPμPSP±C...C-PrPSC- P·PSP°PSPSC¶ C,P° PrPsCÍPIC-Pr.

$P_{\mu}P^{\circ}C\uparrow C-C''PSC,P\ddot{e}C-P\cdot P\ddot{i}PsC\overline{C}C\acute{z}C\epsilon P_{\mu}PSPSC\downarrow PjC,,C\acute{z}PSPeC\uparrow C-C-PSP\ddot{e}C\overline{C}PsPeC,P^{\circ}C\acute{I}P_{\mu}C\overline{C}C\uparrow P_{\mu}PIP_s-C\acute{I}C\acute{z}P\tau P\ddot{e}PSPSP\ddot{e}PjP\ddot{e}P\cdot P^{\circ}C...PIP_sC\overline{C}C\overline{C}PIP^{\circ}PSPSC\downarrow PjP\ddot{e}.$

Pj PīP°C†C-C" PSC,C-PI C-P· PīPsCḡCrC€PμPSPSCḡPj C,,CrPSPeC†C-C— PSPëCḡPsPe
PjPsP¶CrC,CH PIPëPSPëPeP°C,Pë P·P°C...PIPScḡCḡPIP°PSPSCḡ PeC-C†C,CePsPIPsPiPs
PjPsP·PeCr, P°PiCḡP°PSCrP»PsC†PëC,PsP·, PSPμPnëCḡPsPjC-PsPīP°C,C-Cḡ, PjC-PsPīP°C,C-Cḡ
C,P° CḡP°P±PrPsPjC-PsP»C-P·.

$P-PS^{\circ}C\ddagger PS^{\circ}PsP\pm P_{\mu}C\ddot{P}P_{\mu}P\parallel PSC-C\acute{I}C,CH\ B\ P\ddot{P}sC,C\ddot{H}C-P\pm PS^{\circ}P\ddot{P}^{\circ}C\ddagger C-C''PSC,P^{\circ}P_jP\cdot$
 $P\pm C-P\gg CH\ C\epsilon\ C,C\ddot{I}P\parallel PeP\ddot{P}P_jP\ddot{P}\ P\ddot{P}sC\ddot{H}C\acute{r}C\epsilon P_{\mu}PSPSC\ddot{I}P_jP\ddot{P}\ PeC\ddot{H}PsPIP_sPsP\pm C-PiC\acute{r}\ C,P^{\circ}$
 $PSP\ddot{P}C\ddot{H}PsPe\ (PrP_{\mu}PiC-PrC\ddot{H}P^{\circ}C,P^{\circ}C\ddagger C-C\ddot{I},P\cdot P_jC-PSP\ddot{P}\ P_hP_{\check{y}},P\ddot{P}sC\ddot{H}C\acute{r}C\epsilon P_{\mu}PSPSC\ddot{I}$
 $C_{,,}C\acute{r}PSPeC\ddagger C-C-PSP\ddot{P}C\ddot{H}PsPe).$

$$PuP^{\circ}C\uparrow C-C''PSC.P\ddot{e} P\cdot C- C\acute{e}P\gg C\acute{a}PSPePsPIP_s-PeP\ddot{e}C\acute{e}PePsPIP\ddot{e}PjP\ddot{e} C\grave{H}PsP\cdot P\gg P^{\circ}P\uparrow P^{\circ}PjP\ddot{e}.$$

PJ PiP°C†C-C" PSC,C-PI P·C- C€P»C†PSPePsPIPs-PePëC€PePsPIPëPjPë CħPsP·P»P°PrP°PjPë
PjPsP¶P»PëPIPµ PiPsC†PëP»PµPSPSC¶ C†PëPjPiC,PsPjC-PI, C%Ps PiPsPIbħ™ C¶P·P°PSPs P·
P°PSC,PëPjC-C,PsC,PëC‡PSPsCħ PrC-C" Cħ PePsP»C...C-C†PëPSC†, C¶PeP°
PiCħPëP·PIPsPrPëC,CH PrPs PrC-P°CħPµC—, PSC†PrPsC,Pë, P±P»CħPIP°PSPSC¶ C,P°
P±PsP»Cħ C† C€P»C†PSPeC†.

*P>C-PeCžPIP°PSPSC¶ PiPsC†C,CħPëC... PSP°PiP°PrC-PI PiPsPrP°PiCħPë Cž
PiP°C†C-C" PSC,C-PI P· PiPsCħCžC€PµPSPSC¶Pj C,,CžPSPeC†C-C— PSPëCħPsPe.*

P"»C¶ P»C-PeC†PIP°PSPSC¶ PSP°PiP°PrC-PI PiPsPrP°PiCħPë PiP°C†C-C" PSC,P°Pj P·
PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PSPëCħPsPe P»PµPiPePsPiPs (PeP»C-CħPµPSC†
PeCħPµP°C,PëPSC-PSC† 50bħ"80 PjP»/C...PI) P°P±Ps PiPsPjC-CħPSPsPiPs C†C,C†PiPµPSC¶
(PeP»C-CħPµPSC† PeCħPµP°C,PëPSC-PSC† 30bħ"50 PjP»/C...PI) C†P»C-Pr P·
PsP±PµCħPµP¶PSC-C†C,Cħ P·P°C†C,PsC†PsPIC†PIP°C,Pë PiCħPµPiP°CħP°C,,
PµP°C†C-C" PSC,P°Pj P· PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PSPëCħPsPe
PiPsPjC-CħPSPsPiPs C†C,C†PiPµPSC¶ C†P»C-Pr P·PjPµPSC€PëC,Pë PrPsP·C† P°P±Ps
P·P±C-P»CHC€PëC,Pë C-PSC,PµCħPIP°P» PjC-P¶ PrPsP·P°PjPë. P>C-PeC†PIP°PSPSC¶
C,P°PePëC... PiP°C†C-C" PSC,C-PI C†P»C-Pr PiCħPsPIPsPrPëC,Pë PiC-Pr CħPµC,PµP»CHPSPëPj
PePsPSC,CħPsP»PµPj, C%PsP± C†PSPëPePSC†C,Pë PiPsP±C-C‡PSPëC... PµC,,PµPeC,C-PI.

PµP°C†C-C" PSC,P°Pj P· PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PSPëCħPsPe C,C¶P¶PePsPiPs
C†C,C†PiPµPSC¶ (PeP»C-CħPµPSC† PeCħPµP°C,PëPSC-PSC† PjPµPSC€Pµ
B B B B B B B B B 30 PjP»/C...PI) C†P»C-Pr C†PiPsC‡P°C,PeC† PiCħPëPµPjP°C,Pë 1
C,P°P±P»PµC,PeC† (0,5 PjPi) PSP° PrPsP±C†. P"PsP·C†PIP°PSPSC¶ C†P»C-Pr
P·P±C-P»CHC€C†PIP°C,Pë PiC-Pr CħPµC,PµP»CHPSPëPj PePsPSC,CħPsP»PµPj, C%PsP±
C†PSPëPePSC†C,Pë PiPsP±C-C‡PSPëC... PµC,,PµPeC,C-PI. P†PsC‡P° PrPsP·C† PSPµ
PiPsC,CħC-P±PSPs PePsCħPëPiC†PIP°C,Pë PrP»C¶ P»C-PeC†PIP°PSPSC¶ PSP°PiP°PrC-PI
PiPsPrP°PiCħPë, P°P»Pµ PiP°C†C-C" PSC,P°Pj P· PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C—
PSPëCħPsPe C,C¶P¶PePsPiPs C†C,C†PiPµPSC¶ PeC†CħC† P»C-PeC†PIP°PSPSC¶ C†P»C-Pr
PiPsPIC,PsCħCħPIP°C,Pë PSPµ C‡P°C†C,C-C€Pµ PsPrPSPsPiPs CħP°P·C† PSP° 2 C,PëP¶PSC-.
PµP°C†C-C" PSC,P°Pj P· PSP°PiP°PrP°PjPë PiPsPrP°PiCħPë, C¶PeC- PiPsC,CħPµP±C†CħC,CH
PiPsPIC,PsCħPSPëC... PeC†CħC†C-PI P»C-PeC†PIP°PSPSC¶, C†P»C-Pr CħPsP·PiP»C¶PSC†C,Pë
PjPsP¶P»PëPIC-C†C,CH P·P°C†C,PsC†C†PIP°PSPSC¶ P°P»CHC,PµCħPSP°C,PëPIPSpS—
C,PµCħP°PiC-C—.

PµP°C†C-C" PSC,P°Pj, C¶PeC- PiPµCħPµP±C†PIP°CħC,CH PSP° PrC-P°P»C-P·C-,
P»C-PeC†PIP°PSPSC¶ PePsP»C...C-C†PëPSPsPj PiCħPsC,PëPiPsPeP°P·P°PSPµ (PrPëPI.
CħPsP·PrC-P» B«PµCħPsC,PëPiPsPeP°P·P°PSPSC¶B»).

*P>C-PeCžPIP°PSPSC¶ PiPsC†C,CħPëC... PSP°PiP°PrC-PI PiPsPrP°PiCħPë Cž
PiP°C†C-C" PSC,C-PI P· PiPsCħCžC€PµPSPSC¶Pj C,,CžPSPeC†C-C— PiPµC‡C-PSPePë.*

P"»C¶ P»C-PeC†PIP°PSPSC¶ PSP°PiP°PrC-PI PiPsPrP°PiCħPë PiP°C†C-C" PSC,P°Pj P·
PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PiPµC‡C-PSPePë P»PµPiPePsPiPs C,P°
PiPsPjC-CħPSPsPiPs C†C,C†PiPµPSC¶ PePsCħPëPiC†PIP°PSPSC¶
CħPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë PSPµ PiPsC,CħC-P±PSPµ, P°P»Pµ
PSPµPsP±C...C-PrPSPµ CħPµC,PµP»CHPSPµ C†PiPsC†C,PµCħPµP¶PµPSPSC¶ C%PsPrPs
PiPsC¶PIPë PiPsP±C-C‡PSPëC... PµC,,PµPeC,C-PI. PµP°C†C-C" PSC,P°Pj P·
PiPsCħC†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PiPµC‡C-PSPePë C,C¶P¶PePsPiPs C†C,C†PiPµPSC¶
C†P»C-Pr CħPsP·PiP»C¶PSC†C,Pë PjPsP¶P»PëPIC-C†C,CH P·PSPëP¶PµPSPSC¶ PrPsP·Pë.

P>C-PeCžPIP°PSPSC¶ PiP°C†C-C" PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCž.

$$\text{P}_{\text{b}}\text{P}_{\text{S}}\text{P}\gg\text{C}\dots\text{C}-\text{PeCrPj}-\text{P}''\text{P}\ddot{\text{C}}\dot{\text{C}}\dot{\text{P}}\dot{\text{P}}_{\text{P}}\text{C}\dot{\text{C}}\text{C}, \dot{\text{C}}\dot{\text{P}}\gg\text{C}-\text{Pr P}\cdot\text{P}_{\text{S}}\text{P}\pm\text{P}_{\text{P}}\text{C}\dot{\text{C}}\text{P}_{\text{P}}\text{P}\parallel\text{PSC}-\dot{\text{C}}\dot{\text{C}}\text{C}, \text{C}\dot{\text{C}}\text{P}\cdot\text{P}^{\circ}\dot{\text{C}}\dot{\text{C}}\text{C}, \text{P}_{\text{S}}\dot{\text{C}}\dot{\text{P}}\text{P}_{\text{S}}\text{PICrPIP}^{\circ}\text{C}, \text{P}\ddot{\text{C}}\text{C}\dots\text{PIP}_{\text{S}}\text{C}\dot{\text{C}}\text{P}\ddot{\text{P}}\text{Pj P}\gg\text{C}-\text{C}, \text{PSC}\dot{\text{C}}\text{P}_{\text{S}}\text{PiP}_{\text{S}}\text{PIC}-\text{PeCr}.$$

P"P»CΠ ΠiP°C†C-C"PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr PSPuPsP±C...C-PrPSPs P·
PsP±PμCΠPμPΠPSC-C†C,CΠ ΠiC-PrP±PëCΠP°C,Pë PrPsP·C†PIP°PSPSCΠ,
PICΠP°C...PsPICrCΠC†Pë P·P±C-P»CHbC€PμPSCr C†P°C†C,PsC,Cr P·PSPëPΠPμPSPSCΠ
C,,CrPSPeC†C-C— PSPëCΠPsPe P°P±Ps ΠiPμC†C-PSPePë P°P±Ps C-PSC€Cr C†CrΠiCrC,PSCH
PjPμPrPëPeP°PjPμPSC,PsP·PSCr C,PμCΠP°ΠiC-CΠ.

PrC₇P₄PiP°C₇P°C,B PjC-C₇C,PëC,CH PrPsPiPsPjC-P₇PSC- C₇P₄C₇PsPIPëPSPë Cr
C₇PëP»P°PrC- Opalux AS 250000, C%Ps PjPsP₇C₇C,CH C₇PiC₇PëC₇PëPSPëC,Pë
C₇P₄P°PIPëC,PsPe P°P»P₄C₇PiC-C₇PSPëC... C₇P₄P°PeC₇C-PN₂, Cr C,PsPjCr C₇PëC₇P»C- C-
P°C₇C,PjPë, Cr C₇C₇C,P»PëPIPëC... PrPs C₇PëC... C₇P₄C₇PsPIPëPS PiP°C₇C-C°PSC,C-PI.

$\text{P}\mu\text{P}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}''\text{PSC}, \text{P}\ddot{\text{e}} \text{P}^{\circ}\text{C}, \text{P}^{\circ}\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{e}} \text{C}\ddot{\text{H}}\text{C}-\text{PrPeC}-\text{C}\acute{\text{I}}\text{PSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}} \text{C}\acute{\text{I}}\text{P}\text{I}^{\circ}\text{PrPePsPIP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}$
 $\text{P}^{\circ}\text{P}^{\circ}\text{C} \dots \text{PIP}\text{sC}\ddot{\text{H}}\text{C}\ddot{\text{H}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{PjP}\ddot{\text{e}}, \text{C}\ddot{\text{I}}\text{PeB} \text{PSP}\mu\text{P}\ddot{\text{I}}\text{P}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{PSPsC}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PjC}-\text{C}\acute{\text{I}}\text{C}, \text{C}\ddot{\text{H}}$
 $\text{P}\text{I}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{PeC}, \text{PsP}^{\circ}\text{P}\ddot{\text{e}}, \text{PrP}\mu\text{C}, \text{C}-\text{C}^{\dagger}\text{P}\ddot{\text{e}}\text{C}, \text{P}^{\circ}\text{P}^{\circ}\text{PeC}, \text{P}^{\circ}\text{P}^{\circ}\text{P}\ddot{\text{e}} \text{P}^{\circ}\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{P}\text{I}^{\circ} \text{P}^{\circ}\text{P}^{\pm}\text{Ps} \text{P}\ddot{\text{I}}\text{PsC}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{C}\epsilon\text{P}\mu\text{PSPSC}\ddot{\text{I}}$
 $\text{PjP}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{P}^{\pm}\text{C}\acute{\text{I}}\text{PsC}\ddot{\text{H}}\text{P}^{\pm}\text{C}^{\dagger}\text{C}-\text{P}\text{I}^{\circ}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{PePsP}^{\circ}\text{P}\ddot{\text{e}}-\text{P}\text{I}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{PeC}, \text{PsP}^{\circ}\text{P}\ddot{\text{e}}, \text{PSP}\mu \text{P}\ddot{\text{I}}\text{PsPIP}\ddot{\text{e}}\text{PSPSC}-$
 $\text{P}\text{I}^{\circ}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\text{N}\ddot{\text{e}}\text{PjP}^{\circ}\text{C}, \text{P}\ddot{\text{e}} \text{C}^{\dagger}\text{P}\mu\text{P}\text{N}\ddot{\text{e}} \text{P}\text{I}^{\circ}\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\ddot{\text{I}}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C},$

$$\begin{aligned} & \text{PbP} \gg \text{PuCTjPiC-C}\ddagger\text{PSC-CTjPuP}^\circ\text{PeC}\ddagger\text{C-C-} \text{C}\ddagger\text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{C-C}\epsilon\text{PuC}\dot{\text{I}}\text{PiPsC}\dot{\text{I}}\text{C}, \text{PuCTjC-PiP}^\circ\text{CTHC}, \text{CHC}\dot{\text{I}}\text{C}\dot{\text{I}} \\ & \text{CrPiP}^\circ\text{C}\ddagger\text{C-C}''\text{PSC}, \text{C-PIP}\cdot\text{PiC-PrPIP}\ddot{\text{C}}\%_{\text{PuPSPSCTHC}\ddagger\text{CrC}, \text{P}} \gg \text{P}\ddot{\text{e}}\text{PIC-C}\dot{\text{I}}\text{C}, \text{CTHPrPs} \\ & \text{P}^\circ\text{C}\ddagger\text{PuC}, \text{P}\ddot{\text{e}}\text{P} \gg \text{C}\dot{\text{I}}\text{P}^\circ\text{P} \gg \text{C-C}\ddagger\text{P}\ddot{\text{e}}\text{P} \gg \text{PsPIPSC-} \text{PeP}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{P} \gg \text{PsC}, \text{P}\ddot{\text{e}}. \end{aligned}$$

P>C-PeP°CĤCÍCHbPePëPN₂ P·P°CÍC-P± PSPµPsP±C...C-PrPSPs P·P±PµCĤC-PiP°C,Pë PI
PSPµPrPsCÍC,CÍPìPSPsPjCÍ PrP»CĬ C-PSCEPëC... PsCÍC-P± PjC-CÍC†C- PrPs C,P° PìC-CÍP»CĬ
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ.

$P-P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{z}PIP^{\circ}PSPSC\sqcup C\acute{z}PiP_{\mu}C\bar{\eta}C-PsPr PIP^{\circ}PiC-C,PSPsC\acute{I}C,C-P^{\circ}P\pm Ps$
 $PiPsPrC\acute{z}PIP^{\circ}PSPSC\sqcup PiC\bar{\eta}C\acute{z}PrPrC\bar{\eta}.$

$$P'P^{\circ}PiC-C,PSC-C\dot{I}C,CH$$

P'PiP»PëPI PiCḡPμPiP°CḡP°C,Cr PSPμ PIPëPIC‡P°PICÍCḡ PiCḡPë P»C-PeCrPIP°PSPSC-
PSP°PiP°PrC-PI PiPsPrP°PiCḡPë Cr PIP°PiC-C,PSPëC... P¶C-PSPsPe, PsPrPSP°Pe
PsPiCrP±P»C-PePsPIP°PSC- PrP°PSC- CḡCḡPrCr PrPsCÍP»C-PrP¶PμPSCḡ PSPμ
PiCḡPsPrPμPjPsPSCÍC,CḡCrPIP°P»Pë PrPsPeP°P·C-PI PiC-PrPIPëC%PμPSPsPiPs CḡPëP·PëPeCr
PIPëPePëPrPSCḡ, PjPμCḡC,PiPsPSP°CḡPsPrP¶PμPSPSCḡ P°P±Ps C,PμCḡP°C,PsPiPμPSPSPëC...
PμC,,PμPeC,C-PI Cr PIP°PiC-C,PSPëC..., CḡPeC- PIPëPePsCḡPëCÍC,PsPICrPIP°P»Pë
PePsP»C...C-C†PëPS PrP»Cḡ P»C-PeCrPIP°PSPSCḡ CÍC-PjPμPNëPSPSc—
CÍPμCḡPμPrP·PμPjPSPsPjPsCḡCḡPePsC— P»PëC...PsPjP°PSPePë. PhPiCrP±P»C-PePsPIP°PSC-
PrP°PSC- PrPsCÍP»C-PrP¶PμPSCḡ PSP° C,PIP°CḡPëPSP°C...B C%PsPrPs PIPiP»PëPICr PSP°
CḡPμPiCḡPsPrCrPeC,PëPIPSCr C,,CrPSPeC†C-Cḡ C,P° CḡPsP·PIPëC,PsPe CÍPIC-PrC‡P°C,Cḡ
PiCḡPs C,Pμ, C%Ps PePsP»C...C-C†PëPS PIPëCḡPIP»CḡC” PμPjP±CḡC-PsC,,PμC,P°P»CḡPSCr
C,PsPeCÍPëC‡PSC-CÍC,Cḡ, C,PμCḡP°C,PsPiPμPSPSC-CÍC,Cḡ C,P° P·PjC-PSCḡC”
PiPsCÍC,PSP°C,P°P»CḡPSPëPNë CḡPsP·PIPëC,PsPe PiCḡPë PμPeCÍPiPsP·PëC†C-CḡC..., C%Ps
PrPsCÍCḡPiP°CḡC,CḡCÍCḡ PiC-CÍP»Cḡ P·P°CÍC,PsCÍCrPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,Cr PI
P·P°P·PSP°C‡PμPSPëC... C,PμCḡP°PiPμPIC,PëC‡PSPëC... P°P±Ps PIPëC%PëC... PrPsP·P°C....

$P_{\text{P}} P_{\text{S}} P \gg C \dots C - C \vdash P \ddot{\text{e}} P S \quad P_j P_s P \parallel P S P^\circ \quad P \cdot P^\circ C \acute{I} C, P_s C \acute{I} P_s P I C \acute{r} P I P^\circ C, P \ddot{\text{e}} \quad P \ddot{i} C - P \vdash C \vdash P^\circ C \acute{I}$
 $P I P^\circ P i C - C, P S P_s C \acute{I} C, C - C, C - P \gg C H b P e P \ddot{\text{e}} \quad C \acute{r} \quad C T H P^\circ P \cdot C - \quad P S P^\circ P i P^\circ P \gg C H b P S P_s C - \quad P i P_s C, C T H P u P \pm P \ddot{\text{e}} \quad C -$

PSPµPjPsP¶P»PëPIPsCÍ'C,C- P·P°PjC-PSPë C-PSC€PëPjPë, P±C-P»CHC€ P±PµP·PïPµC±PSPëPjPë
PïC¶PµPïP°C¶P°C,P°PjPë.

P''PsPrCáPIP°PSPSC¶ PiC¶CáPrPrC¶

PµPsP»C...C-C†PëPS PIPëPrC-P»C¶C''C,CHCÍ'C¶ Cr PïC¶CrPrPSPµ PjPsP»PsPePs.

PαC-P·PëPePs-C...C-PjC-C±PSC- C,P° PSP°C¶PIPSC-
C,,P°C¶PjP°PePsPrPëPSP°PjC-C±PSC-/C,PsPeCÍ'PëPePsP»PsPiC-C±PSC- PrP°PSC- C%PsPrPs
PePsP»C...C-C†PëPSCr PIPeP°P·CrC¶C,CH PSP° PIPëPrC-P»PµPSPSC¶ PePsP»C...C-C†PëPSCr
C-P· PïC¶CrPrPSPsPiPs PjPsP»PsPeP° C,P° P·P°PïC¶PsP·Cr PrP»C¶ PrPëC,PëPSPë, C,PsPjCr
C¶PëP·PëPe PrP»C¶ PïC¶CrPrPSPsC— PrPëC,PëPSPë PSPµ PIPëPeP»C¶C±PµPSPëP№.

PµPsP»C...C-PeCÍ'Pj-P''PëCÍ'PïPµC¶C, PSPµ CÍ'P»C-Pr P·P°CÍ'C,PsCÍ'PsPICrPIP°C,Pë PïC-Pr
C±P°CÍ' PïPsPrCrPIP°PSPSC¶ PiC¶CrPrPrC¶.

PαPµC¶C,PëP»CHPSC-CÍ'C,CH

P¶PïCÍ'P±P»C-PePsPIP°PSC- PrP°PSC- PSPµPeP»C-PSC-C±PSPëC...
PrPsCÍ'P»C-PrP¶PµPSC¶ PïPsPeP°P·P°P»Pë, C%Ps CÍ'PïC¶PëC±PëPSPµPSPµ
PePsP»C...C-C†PëPSPsPj PïPsC¶CíC€PµPSPSC¶ CrC,PiPsC¶PµPSPSC¶
PjC-PeC¶PsC,C¶Cí'P±PsC±PsPe PIPïP»PëPIP°C'' PSP° PjPµP№PsP· C- PjC-C,PsP·.

P—P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ PePsP»C...C-C†PëPSCr CÍ'PïC¶PëC±PëPSC¶C''
PjPsC¶C,,PsP»PsPiC-C±PSC- P°PSPsPjP°P»C-C— CÍ'PïPµC¶PjP°C,PsP·PsC—PrC-PI C-
P·PSPëP¶PµPSPSC¶ C±PëCÍ'P»P° CÍ'PïPµC¶PjP°C,PsP·PsC—PrC-PI Cr
C±PsP»PsPIC-PeC-PI, P° C,P°PePsP¶ PïPsC¶CíC€PµPSPSC¶ PïC¶PsC†PµCÍ'Cr
PïC¶PsPSPëPePSPµPSPSC¶ CÍ'PïPµC¶PjP°C,PsP·PsC—PrC-PI, PrC¶CrPïPsPiPs
PjPµP№PsC,PëC±PSPsPiPs PïPsPrC-P»Cr C- PïPsPrC-P»Cr PeP»C-C,PëPS
C¶P№C†PµPeP»C-C,PëPSPë Cr P¶C-PSPsPe, C%Ps PïC¶PëP№PjP°C¶C,CH
PePsP»C...C-C†PëPS.

P¶PsC±P° P±PµP·PïP»C-PrPSC-CÍ'C,CH Cr C±PsP»PsPIC-PeC-PI P· PïC¶PëC±PëPSPë
PïC¶PëP№PsPjCr PePsP»C...C-C†PëPSCr C'' C¶C-PrPePëPj C¶PIPëC%PµPj, P±CÍ'P»Pë
PïPsPIC-PrPsPjP»PµPSPSC¶ PïC¶Ps PIPëPïP°PrPePë P°P·PsPsCÍ'PïPµC¶PjC-C—
PïC-CÍ'P»C¶ PïC¶PëPïPëPSPµPSPSC¶ PïC¶PëP№PsPjCr PïC¶PµPïP°C¶P°C,Cr.

P—PIC-C,Pë PïC¶Ps PeP»C-PSC-C±PSC- PIPëPïP°PrPePë C,P°
PµPïC-PrPµPjC-PsP»PsPiC-C±PSC- PrPsCÍ'P»C-PrP¶PµPSPSC¶ Cr P¶C-PSPsPe
C%PsPrPs P»C-PeCÍ'PIP°PSPSC¶ PePsP»C...C-C†PëPSPsPj PSPµ PICÍ'C,P°PSPsPIPëP»Pë
C±C-C,PePsPiPs P·PIB¶™ C¶P·PeCÍ' PjC-P¶ PïC¶PëP№PsPjPsPj PePsP»C...C-C†PëPSCr C-
P¶C-PSPsC±PëPj P±PµP·PïP»C-PrPrC¶Pj.

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

P''PsCÍ'P»C-PrP¶PµPSPSC¶ PIPïP»PëPICr PSP° P·PrP°C,PSC-CÍ'C,CH PePµC¶Cí'PIP°C,Pë
P°PIC,PsC,C¶P°PSCÍ'PïPsC¶C,PsPj C,P° PïC¶P°C†C¶PIP°C,Pë P· C-PSC€PëPjPë

PjPμC...P°PSC-P·PjP°PjPë PSPμ PīCḡPsPIPsPrPëP»PëCíCıı.

PŸPİPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCıı C,P° PrPsP·Pë.

PŸP°P±P»PμC,PePë CÍP»C-Pr PePsPIC,P°C,Pë C†C-P»PëPjPë, P·P°PİPëPIP°CḡC†Pë
PrPsCÍC,P°C,PSCHPsCḡ PeC-P»CHPeC-CÍC,Cḡ CḡC-PrPëPSPë, PSPμP·P°P»PμP¶PSPs PIC-Pr
PīCḡPëPNëPsPjCı C—P¶C-.

P>C-PeC¿PIP°PSPSCıı PİPsCÍC,CḡPëC... PSP°PİP°PrC-PI PİPsPrP°PİCḡPë CÍP»C-Pr
CḡPsP·PİPsC†PëPSP°C,Pë CııPePsPjPsPİP° CëPIPëPrCëPμ (PīCḡPsC,CııPİPsPj PİPμCḡCëPëC... 12
PİPsPrPëPS PIC-Pr PİPsC†P°C,PeCı PSP°PİP°PrCı PİPsPrP°PİCḡPë). PhC†C-PeCıPIP°PSPëPNë
PμC,,PμPeC, PSP°CÍC,P°PSPμ PīCḡPsC,CııPİPsPj 12 PİPsPrPëPS.

PŸPİPsC†P°C,PeCı CÍP»C-Pr PīCḡPëPNëPSCııC,Pë 2 C,P°P±P»PμC,PePë (1 PjPi
PīCḡPμPİP°CḡP°C,Cı), PİPsC,C-Pj C†PμCḡPμP· 1 PİPsPrPëPSCı 1 C,P°P±P»PμC,PeCı (0,5 PjPi
PīCḡPμPİP°CḡP°C,Cı). PıC-CÍP»Cıı C†CHPsPİPs C,P°P±P»PμC,PePë PSPμ CÍP»C-Pr
PīCḡPëPNëPjP°C,Pë PīCḡPsC,CııPİPsPj 12 PİPsPrPëPS.

PıCḡPë PSPμPsP±C...C-PrPSPsCÍC,C- C†PμCḡPμP· 12 PİPsPrPëPS PjPsP¶PSP°
PİPsPIC,PsCḡPëC,Pë PīCḡPëPNëPsPj. PhP°PeCıPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° Bḡ“
B B B B B B B 1 C,P°P±P»PμC,PeP° (0,5 PjPi PīCḡPμPİP°CḡP°C,Cı) PePsP¶PSC- 8 PİPsPrPëPS,
PİPsPePë CÍPëPjPiC,PsPjPë PSPμ PİPsP»PμPiCëP°C,CHCÍCıı.

PıCıCḡCı P»C-PeCıPIP°PSPSCıı PSPμPsP±C...C-PrPSPs P·P°PeC-PSC†PëC,Pë PİC-CÍP»Cıı
PİPsP»PμPiCëPμPSPSCıı CÍPëPjPiC,PsPjC-PI P°P±Ps PīCḡPëPNëPsPjCı 12 C,P°P±P»PμC,PsPe B (6
PjPi). PıCḡPsC,CııPİPsPj PeCıCḡCıCı P»C-PeCıPIP°PSPSCıı CÍP»C-Pr PīCḡPëPNëPjP°C,Pë PSPμ
P±C-P»CHCëPμ 12 C,P°P±P»PμC,PsPe (6 PjPi).

PıPsPIC,PsCḡPSPëPNë PeCıCḡCı P»C-PeCıPIP°PSPSCıı PīCḡPsPIPsPrCııC,CH PSPμ
CḡP°PSC-CëPμ PSC-P¶ C†PμCḡPμP· 3 PrPSC- (72 PİPsPrPëPSPë) PİC-CÍP»Cıı
P·P°PeC-PSC†PμPSPSCıı PİPsPİPμCḡPμPrPSCḡPsPİPs PeCıCḡCıCı.

PıCḡPsC,,C-P»P°PeC,PëPeP° PSP°PİP°PrC-PI PİPsPrP°PİCḡPë: PrPsCḡPsCÍP»PëPj CÍP»C-Pr
PīCḡPëPNëPjP°C,Pë 1Bḡ“2 C,P°P±P»PμC,PePë (0,5Bḡ“1 PjPi PīCḡPμPİP°CḡP°C,Cı) PSP°
PrPμPSCḡ PīCḡPsC,CııPİPsPj PSPμ P±C-P»CHCëPμ 6 PjC-CÍCııC†C-PI.
P†PSPPrPëPIC-PrCıP°P»CHPSCı C,CḡPëPIP°P»C-CÍC,CH P»C-PeCıPIP°PSPSCıı CÍP»C-Pr
PIPëP·PSP°C†PëC,Pë PİC-CÍP»Cıı PsC†C-PSPePë C,P°PePëC... C,,P°PeC,PsCḡC-PI, CııPe
C†P°CÍC,PsC,P° P·P°PİPsCÍC,CḡPμPSCḡ, C,CḡPëPIP°P»C-CÍC,CH
P·P°C...PIPSCḡPİP°PSPSCıı, P° C,P°PePsP¶ PSP°CııPIPSC-CÍC,CH C,P° CḡPsP·PjC-Cḡ
C,PsC,,CıCÍC-PI.

*P>C-PeC¿PIP°PSPSCıı CÍC-PjPμPNëPSPsC— CÍPμCḡPμPrP·PμPjPSPsPjPsCḡCḡCHPePsC—
P»PëC...PsPjP°PSPëPë.*

PhPsP¶PSP° PīCḡPëPNëPjP°C,Pë Cı PİPëPiP»CııPrC- CḡP°P·PsPIPsC— PrPsP·Pë P°P±Ps
CḡPsP·PrC-P»PëC,Pë PrPμPeC-P»CHPeP° PrPsP·, C°Ps PİPμCḡPμPIPëC°CıCḡC,CH 1 PjPi
PSP° PrPsP±Cı, C,P° PīCḡPëPNëPjP°C,Pë C—C... PrPIC-C†C- PSP° PrPμPSCḡ.

P”PsP·CıPIP°PSPSCıı PePsP»C...C-C†PëPSCı CÍP»C-Pr PİPsPμC,P°PİPSPs
P·P±C-P»CHCëCıPIP°C,Pë PrPs PjP°PeCıPëPjCıPj 3 PjPi PSP° PrPsP±Cı, C°PsP±
PePsPSC,CḡPsP»CḡPIP°C,Pë PİPμCḡPμP±C-Pİ P·P°C...PIPSCḡPİP°PSPSCıı P·P°

PIC-PrCfCfC,PSPsCfC,C- PIC-PrPiPsPIC-PrC- PSP° P»C-PeCfPIP°PSPSClI PiCfPë
CfC,P°PSPPrP°CfC,PSPsPjCf PrPsP·CfPIP°PSPSC-. P—P±C-P»CHC€CfPIP°C,Pë PrPsP±PsPICf
PrPsP·Cf CfP»C-Pr PiC-Pr CfPµC,PµP»CHPSPëPj PePsPSC,CfPsP»PµPj, C%oPsP±
CfPSPëPePSCfC,Pë PiPsP±C-CfPSPëC... PµC,,PµPeC,C-PI. P PµC,PµP»CHPSPëPNë
PePsPSC,CfPsP»CH PSPµPsP±C...C-PrPSPëPNë PiCfPë PSP°CfPIIPSPsCfC,C-
PiPsCfCfC€PµPSCfC,,CfPSPeCfC-C— PSPëCfPsPe P°P±Ps PiPµCfC-PSPePë. P”P»CfI
C,P°PePëC... PiP°CfC-C”PSC,C-PI PiPsCfP°C,PePsPICf PrPsP·Cf CfP»C-Pr P·PjPµPSC€PëC,Pë
PSP° 50 %.

P”PsCfPsCfP»PëPj PiCfPëPNëPjP°C,Pë 2b7”6 C,P°P±P»PµC,PsPe (1b7”3 PjPi
PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf. P’C-P»CHC€C-CfC,CH PiP°CfC-C”PSC,C-PI
PiPsC,CfPµP±CfCfC,CH 1b7”1,5 PjPi PSP° PrPsP±Cf, P°P»Pµ PrPµCfPeC- PiP°CfC-C”PSC,Pë
PjPsP¶CfC,CH PiPsC,CfPµP±CfPIP°C,Pë PrPsP·CfPIP°PSPSClI 2,0 PjPi P°P±Ps P±C-P»CHC€Pµ.

P”C-C,CfPj PePsP»C...C-CfPëPS PjPsP¶PSP° PiCfPëPNëPjP°C,Pë C,C-P»CHPePë P·P°
PiCfPëP·PSP°CfPµPSPSClI Pj P»C-PeP°CfCfI PiC-Pr PSP°PiP»CfIPrPsPj PjPµPrPëCfPSPsPiPs
PiCfP°CfC-PIPSPëPeP°.

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PePsP»C...C-CfPëPSCf PrP»CfI PrC-C,PµPNë
CfC,P°PSPsPIPëC,CH:

- 1 C,P°P±P»PµC,PeP° (0,5 PjPi PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf PrC-C,CfPj PIC-PePsPj PrPs
5 CfPsPeC-PI;

- 1b7”2 C,P°P±P»PµC,PePë (0,5b7”1 PjPi PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf PrC-C,CfPj
PIC-PePsPj PIC-Pr 5 PrPs 10 CfPsPeC-PI;

- 2b7”3 C,P°P±P»PµC,PePë (1b7”1,5 PjPi PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf PrC-C,CfPj
PIC-PePsPj PIC-Pr 10 CfPsPeC-PI.

P”C-C,CfPj P· P°PjC-P»PsC—PrPSPsCf PSPµC,,CfPsPiP°C,C-C”Cf PjPsP¶CfC,CH P±CfC,Pë
PiPsC,CfC-P±PSC- P±C-P»CHC€C- PrPsP±PsPIC- PrPsP·Pë: PIC-Pr 3 PrPs 4 C,P°P±P»PµC,PsPe
(1,5b7”2 PjPi PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf.

*P»C-PeCzPIP°PSPSClI PiPsCfC,CfPsPiPs PiPµCfPëPeP°CfPrPëC,Cz C,P°
CfPµCfPëPrPëPICzCfCfPsPiPs PiPµCfPëPeP°CfPrPëC,Cz.*

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP±PsPIP° PrPsP·P° PePsP»C...C-CfPëPSCf PiCfPë
PiPsCfC,CfPsPjCf C,P° CfPµCfPëPrPëPICfCfCfPsPjCf PiPµCfPëPeP°CfPrPëC,C-
CfC,P°PSPsPIPëC,CH 1b7”2 C,P°P±P»PµC,PePë (0,5 PjPi b7”1 PjPi) PSP° PrPsP±Cf

Pj P±C-P»CHC€PsCfC,C- PeP»C-PSC-CfPSPëC... PrPsCfP»C-PrP¶PµPSCf PrPsP·P°
PePsP»C...C-CfPëPSCf, C%oPs P·P°CfC,PsCfPsPICfC”C,CHCfCfI, CfC,P°PSPsPIPëC,CH
2 C,P°P±P»PµC,PePë (1 PjPi).

PIPIPsCfPsP±P° P’PµC...CfPµC,P°.

P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° PePsP»C...C-CfPëPSCf CfC,P°PSPsPIPëC,CH
2b7”4 C,P°P±P»PµC,PePë (1b7”2 PjPi PiCfPµPiP°CfP°C,Cf) PSP° PrPsP±Cf.

PµPsCfCzC€PµPSPSClI C,,CzPSPeCfC-C— PSPëCfPsPe

P— PsP±PμCḡPμP¶PSC—CÍC,Cḡ CÍP»C—Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PïP°C†C—C”PSC,P°Pj C—P· P»PμPiPePëPjPë PïPsCḡCÍC€PμPSPSC¶PjPë C,,CÍPSPeC†C— PSPëCḡPsPe P”P»C¶ PïP°C†C—C”PSC,C—PI P· PïPsPjC—CḡPSPëPjPë PïPsCḡCÍC€PμPSPSC¶PjPë C,,CÍPSPeC†C— PSPëCḡPsPe P”P»C¶ PrPsP·CÍ P°P±Ps P·P±C—P»CḡC€PëC,Pë C—PSC,PμCḡPIP°P» PjC—P¶ PrPsP·P°PjPë. PÿP°PePëPj PïP°C†C—C”PSC,P°Pj CÍP»C—Pr CḡPμC,PμP»CḡPSPs CÍP»C—PrPeCÍPIP°C,Pë P·P° PIPëPSPëPePSPμPSPSC¶Pj PïPsP±C—C†PSPëC... PμC,,PμPeC,C—PI PePsP»C...C—C†PëPSCr. P”P»C¶ PsC,CḡPëPjP°PSPSC¶ C—PSC,,PsCḡPjP°C†C—C— C%PsPrPs P»C—PeCÍPIP°PSPSC¶ PïP°C†C—C”PSC,C—PI P· PïPsCḡCÍC€PμPSPSC¶Pj C,,CÍPSPeC†C— PSPëCḡPsPe C,C¶P¶PePsPiPs CÍC,CÍPïPμPSC¶ PrPëPI. CḡPsP·PrC—P» B«PμCḡPsC,PëPïPsPeP°P·P°PSPSC¶B».

PμPsCḡC¿C€PμPSPSC¶ C,,C¿PSPeC†C— PïPμC†C—PSPePë

P— PsP±PμCḡPμP¶PSC—CÍC,Cḡ CÍP»C—Pr P·P°CÍC,PsCÍPsPICrPIP°C,Pë PïP°C†C—C”PSC,P°Pj C—P· P»PμPiPePëPjPë/PïPsPjC—CḡPSPëPjPë PïPsCḡCÍC€PμPSPSC¶PjPë C,,CÍPSPeC†C— PïPμC†C—PSPePë. PÿP°PePëPj PïP°C†C—C”PSC,P°Pj CÍP»C—Pr CḡPμC,PμP»CḡPSPs CÍP»C—PrPeCÍPIP°C,Pë P·P° PIPëPSPëPePSPμPSPSC¶Pj PïPsP±C—C†PSPëC... PμC,,PμPeC,C—PI PePsP»C...C—C†PëPSCr. P”P»C¶ PïP°C†C—C”PSC,C—PI P· C,C¶P¶PePëPjPë PïPsCḡCÍC€PμPSPSC¶PjPë CḡPsP±PsC,Pë PïPμC†C—PSPePë PrPëPI. CḡPsP·PrC—P» B«PμCḡPsC,PëPïPsPeP°P·P°PSPSC¶B».

PhCÍPsP±P»PëPIC— PiCḡC¿PïPë PïP°C†C—C”PSC,C—PI

PhPrPSPsC†P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSC¶ PePsP»C...C—C†PëPSCr P· PrPμC¶PePëPjPë PïCḡPμPïP°CḡP°C,P°PjPë, PïPμCḡPμPIP°P¶PSPs C—PSPiC—P±C—C,PsCḡP°PjPë C†PëC,PsC...CḡPsPjCÍ P 450 3Pḡ4 (CYP3A4)/P -PiP»C—PePsPïCḡPsC,PμC—PSCr, P·P±C—P»CḡC€CÍC” CḡPëP·PëPe C,PsPeCÍPëC†PSPsCÍC,C— PePsP»C...C—C†PëPSCr. PïPeC%Ps PïP°C†C—C”PSC, PsC,CḡPëPjCÍPIP°PI CÍCÍPïCÍC,PSCḡ C,PμCḡP°PïC—Cḡ PïPsPjC—CḡPSPëPj P°P±Ps PïPsC,CÍP¶PSPëPj C—PSPiC—P±C—C,PsCḡPsPj CYP3A4 P°P±Ps C—PSPiC—P±C—C,PsCḡPsPj P -PiP»C—PePsPïCḡPsC,PμC—PSCr, PjP°PeCÍPëPjP°P»CḡPSCr CḡPμPePsPjPμPSPrPsPIP°PSCr PrPsP·CÍ PePsP»C...C—C†PëPSCr PrP»C¶ PïPμCḡPsCḡP°P»CḡPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSC¶ CÍP»C—Pr P·PjPμPSC€PëC,Pë C,P° CḡPμC,PμP»CḡPSPs CÍP»C—PrPeCÍPIP°C,Pë P·P° PIPëPSPëPePSPμPSPSC¶Pj PïPsP±C—C†PSPëC... PμC,,PμPeC,C—PI.

P”C—C,Pë.

PμCḡPμPïP°CḡP°C, PSPμ CḡPμPePsPjPμPSPrCÍC”C,CḡCÍC¶ P·P°CÍC,PsCÍPsPICrPIP°C,Pë PrC—C,C¶Pj PIC—PePsPj PrPs 4 CḡPsPeC—PI C†PμCḡPμP· PSPμPrPsCÍC,P°C,PSC—CÍC,Cḡ PrP°PSPëC... C%PsPrPs P·P°CÍC,PsCÍCÍPIP°PSPSC¶.

PμPμCḡPμPrPsP·C¿PIP°PSPSC¶.

PμPμCḡPμPrPsP·CÍPIP°PSPSC¶ C,P° PSPμC...C,CÍPIP°PSPSC¶
CḡPμPePsPjPμPSPrP°C†C—C¶PjPë C%PsPrPs PIP·P°C”PjPsPrC—C—
P»C—PeP°CḡCÍCḡPePëC... P·P°CÍPsP±C—PI PjPsP¶Pμ CÍPïCḡPëC†PëPSPëC,Pë
B PsC,CḡCÍC”PSPSC¶, C¶PePμ CÍCÍPïCḡPsPIPSPrP¶CÍC”C,CḡCÍC¶ CÍPëP»CḡPSPëPj
P±PsP»PμPj, P° C,P°PePsP¶ PjPsP¶Pμ PïCḡPëP·PIPμCÍC,Pë PrPs P»PμC,P°P»CḡPSPsPiPs
PSP°CÍP»C—PrPeCÍ.

РiСҢРёРНёPsPjCр PjPsP¶Pµ CГCрPiСҢPsPIPsPrP¶CрPIP°C,РёCГCҢ C,Р°РёРёPjРё
CГРёPjPiC,PsPjP°PjРё, CҢPe PjCрP»CHC,РёPsСҢPiP°PSPSP° PSPµPrPsCГC,Р°C,PSC-CГC,CH,
PiPsCГC,СҢP° PSPёСҢPePsPIP° PSPµPrPsCГC,Р°C,PSC-CГC,CH, CГPiP»CрC,Р°PSC-CГC,CH
CГPIC-PrPsPjPsCГC,C-, РёPsPjP°, PiPµСҢРёC„PµСҢРёC±PSP° PjPsC,PsСҢPSP° C-
CГPµPSCГPsСҢPSP° PSPµPNёСҢPsPiP°C,C-CҢ, PjC-PsРёP°СҢPrC-Р°P»CHPSP°
PrPµPiСҢPµCГC-CҢ, PiP°PSC±РёC,PsPiPµPSC-CҢ, Р°СҢРёC,PjC-CҢ, PrРёC...Р°P»CHPSP°
PSPµPrPsCГC,Р°C,PSC-CГC,CH, РёPsP°PiCрP»PsPiP°C,C-CҢ.

РҮPjPµСҢC,CH PjPsP¶Pµ PSP°CГC,Р°C,Рё PIPSP°CГP»C-PrPsРё PrРёC...Р°P»CHPSPsC— C,Р°
CГPµСҢC±PµPIPs-CГCрPrРёPSPSPsC— PSPµPrPsCГC,Р°C,PSPsCГC,C-.

PiРёC%Ps PiP°C±C-C”PSC, PIPёP¶PёPIP°C”, PIC-PrPSPsPIP»PµPSPSCҢ
PiPsCёPePsPrP¶PµPSPёC... PsСҢPiP°PSC-PI PjPsP¶Pµ
CГCрPiСҢPsPIPsPrP¶CрPIP°C,РёCГCҢ PiPsPIPµСҢPSPµPSPSCҢPj
P»PµPNёPePsC±РёC,PsP·Cр C,Р° Р°P»PsPiPµC±C-C—, C%Ps
СҢPsP·PiPsC±РёPSP°C”C,CHCГCҢ PiСҢРёP±P»РёP·PSPs C±PµСҢPµP· 1
C,РёP¶PrPµPSCҢ PiC-CГP»CҢ PiPµСҢPiPёPSPSPsPiPs PiPµСҢPµPrPsP·CрPIP°PSPSCҢ.

РҮPµСҢP°PiC-CҢ

PhPSC,РёPrPsC,Cр PSPµ C-CГPSCрC”.

Pj СҢP°P·C- PiPµСҢPµPrPsP·CрPIP°PSPSCҢ PePsP»C...C-C±РёPSPsPj CГP»C-Pr
PiСҢPsPIPµCГC,Рё PiСҢPsPjРёPIP°PSPSCҢ CёP»CрPSPёP°, P±P°P¶P°PSPs PiСҢPsC,CҢPiPsPj 60
C...PIPёP»РёPS, Р° C,Р°РёPsP¶ P·P°CГC,PsCГCрPIP°C,Рё Р°РёC,РёPIPsPIP°PSPµ PICрPiC-P»P»CҢ.
P”C-Р°СҢPµСҢ P»C-РёCрPIP°C,Рё PSPµ PiPsC,СҢC-P±PSPs, PsCГРёC-P»CHPeРё
PIPёPiPsСҢPsP¶PSPµPSPSCҢ C” PsCГPSPsPIPSPёPj CёP»CҢC...PsPj PIPёPIPµPrPµPSPSCҢ
PePsP»C...C-C±РёPSCр.

Pj PrPsСҢPsCГP»РёC... PjPsP¶PSP° PIPёPeP»РёPeP°C,Рё P±P»СҢPIP°PSPSCҢ,
PSP°PiСҢРёPeP»P°Pr, Р°P° PrPsPiPsPjPsPiPsСҢ C,PµPiP»PsPiPs PiC-PiPµСҢC,PsPSC-C±PSPsPiPs
СҢPsP·C±РёPSCр C...P»PsСҢРёPrCр PSP°C,СҢC-СҢ (2БҢ”3 C±P°PNёPSC- P»PsP¶PeРё PSP°
CГPeP»CҢPSPёCр) P°P±Ps P°PiPsPjPsСҢC„C-PSCр (0,1БҢ”0,15 PjPi/PePi PjP°CГРё C,C-P»P°).

Pj PrC-C,PµPNё PIC-PePsPj PrPs 6 СҢPsPeC-PI 1 CГC,PsP»PsPIP° P»PsP¶PeP° CГРёСҢPsPiCр
C-PiPµPeP°PeCрP°PSPё PI 100БҢ”200 PjP» CГPsPeCр PIPёPePsСҢРёCГC,PsPICрC”C,CHCГCҢ
PrP»CҢ C-PSPrCрPeC±C-C— P±P»СҢPIP°PSPSCҢ P· PiPsPrP°P»CHCёРёPj
PiСҢPsPjРёPIP°PSPSCҢPj CёP»CрPSPёP° C,Р° PiPsPIC,PsСҢPSPёPj P°P±Ps PiPsCГC,C-PNёPSPёPj
PiСҢРёРНёPsPjPsPj Р°РёC,РёPIPsPIP°PSPsPiPs PICрPiC-P»P»CҢ.

P”PµPjPsPrC-Р°P»C-P· PSPµPµC„PµPeC,РёPIPSPёPNё (C±PµСҢPµP· PIPµP»РёPeРёPNё PsP±CГCҢPi
PiPsCёРёСҢPµPSPSCҢ).

P>C-РёCрPIP°PSPSCҢ PiPµСҢPµPIP°P¶PSPs CГРёPjPiC,PsPjP°C,РёC±PSPµ C,Р°
PiC-PrC,СҢРёPjCрPIP°P»CHPSPµ (PePsPSC,СҢPsP»CH PrРёC...P°PSPSCҢ, PiC-PrC,СҢРёPjPeP°
P°СҢC,PµСҢC-Р°P»CHPSPsPiPs C,РёCГРёCр C,Р° РёСҢPsPIPsPsP±C-PiCр, РёPsСҢPµPeC±C-CҢ
СҢC-PIPSPsPIP°PiРё СҢC-PrРёPSPё C,Р° PµP»PµPeC,СҢPsP»C-C,C-PI). РёPsP¶Pµ P±CрC,Рё
PiPsC,СҢC-P±PSPµ PsP±PµСҢPµP¶PSPµ P·PSPµP±PsP»PµPSPSCҢ
P°PSP°P»CHPiPµC,РёPeP°PjРё C,Р° P·P°CГC,PsCГCрPIP°PSPSCҢ P°C,СҢPsPiC-PSCр
(PSPµPsP±PsPiБҢ” CҢP·PePsPIPµ), Р° C,Р°РёPsP¶ P±PµPSP·PsPrC-Р°P·PµPiC-PSC-PI,
PiP°PiP°PIPµСҢРёPSCр C±Рё C,Р°PSP°P»CHP±C-PSCр PiСҢРё PIPёPSPёPePSPµPSPSC-
CГCрPrPsPj. P”P»CҢ PiC-PrC,СҢРёPjPeРё CГPµСҢC±PµPIPsC— C„CрPSPёC±C— PjPsP¶PSP°

ΠΐCΉPēP·PSP°C‡PēC,Pē PrPēPiPsPeCΓPēPS.

P PμPePsPjPμPSPPrCfC”C,CHCΓCΠ ΠΐCΉPsC,,C-P»P°PeC,PēC‡PSPμ P»C-PeCfPIP°PSPSCΠ
P°PSC,PēP±C-PsC,PēPeP°PjPē. PμCΉPē ΠΐC-PrPIPēC%PμPSPsPjCf C,PēCΓPeCf
CΓPiPēPSPSPsPjPsP·PePsPIPsC— CΉC-PrPēPSPē ΠΐPsPeP°P·P°PSPs PrPμPeCΓP°PjPμC,P°P·PsPS.
PŷP°PePsP¶ PjPsP¶Pμ P±CfC,Pē PSPμPsP±C...C-PrPSPēPj ΠΐCΉPsPIPμPrPμPSPSCΠ
P»CΉPjP±P°P»CHPSPsC— ΠΐCfPSPeC†C-C—. PΉPsP¶Pμ PIPēPSPēPePSCfC,Pē ΠΐPsC,CΉPμP±P°
Cf PIPēPePsCΉPēCΓC,P°PSPSC- PePēCΓPSPμPIPsPiPs CΉPμCΓPiC-CΉP°C,PsCΉP° P°P±Ps
ΠΐCΉPsPIPμPrPμPSPSC- C€C,CfC‡PSPsC— PIPμPSC,PēP»CΠC†C-C— P»PμPiPμPSC-PI.

PκPμ CΓP»C-Pr P·P°CΓC,PsCΓPsPICfPIP°C,Pē PsPiC-P°C,Pē!

PŷP»C-Pr CΉPμC,PμP»CHPSPs PIC-PrCΓC,PμP¶CfPIP°C,Pē C,P° PePsPSC,CΉPsP»CΉPIP°C,Pē
PiPμPjPsPrPēPSP°PjC-C‡PSC-, CΓPμCΉC†PμPIC- C,P° PrPēC...P°P»CHPSC- ΠΐPsPeP°P·PSPēPePē,
P° C,P°PePsP¶ CΉC-PIPS- PμP»PμPeC,CΉPsP»C-C,C-PI Π PeCΉPsPIC-.

PμPsP±C-C‡PSC- CΉPμP°PeC†C-C—.

PμCΉPē PePsCΉPsC,PePsC‡P°CΓPSPsPjCf C- C,CΉPēPIP°P»PsPjCf P·P°CΓC,PsCΓCfPIP°PSPSC-
PSP°PμC‡P°CΓC,C-C€PēPjPē ΠΐPsP±C-C‡PSPēPjPē CΉPμP°PeC†C-CΠPjPē Cf
ΠΐP°C†C-C”PSC,C-PI, C%Ps ΠΐPsC‡P°P»Pē ΠΐCΉPēPμPsPj PePsP»C...C-C†PēPSCf, C”
ΠΐPsP±C-C‡PSC- CΉPμP°PeC†C-C— P· P±PsPeCf C€P»CfPSPePsPIPs-PePēC€PePsPIPsPiPs
C,CΉP°PeC,Cf, C,P°PeC- CΠPe PrC-P°CΉPμCΠ, C%Ps, CΠPe ΠΐCΉP°PIPēP»Ps,
ΠΐCΉPsCΠIP»CΠCΉC,CHCΓCΠ ΠΐCΉPsC,CΠPiPsPj 24 ΠΐPsPrPēPS. PŷPēΠΐPsPIPēPjPē
CΓPēPjPiC,PsPjP°PjPē C” CΓPiP°P·PjPē, PSCfPrPsC,P°, PrC-P°CΉPμCΠ, P±C-P»CH Cf
P¶PēPIPsC,C- C,P° P±P»CΉPIP°PSPSCΠ. Pj CΉP°P·C- C,CΠP¶PePēC... ΠΐPsP±C-C‡PSPēC...
CΉPμP°PeC†C-Pμ PrPsP·Cf PSPμPsP±C...C-PrPSPs P·PjPμPSC€PēC,Pē, PsCΓPeC-P»CHPePē C†Pμ
PjPsP¶Pμ ΠΐCΉPēP·PIPμCΓC,Pē PrPs P±C-P»CHC€PsC— C,PsPeCΓPēC‡PSPsCfC,C-. P”P»CΠ
P·PjPμPSC€PμPSPSCΠ ΠΐPsP±C-C‡PSPēC... CΉPμP°PeC†C-Pμ P· P±PsPeCf C€P»CfPSPePsPIPs-
PePēC€PePsPIPsPiPs C,CΉP°PeC,Cf ΠΐCΉPē ΠΐPsCΓC,CΉPsPjCf PSP°ΠP°PrC- ΠΐPsPrP°PiCΉPē
PrPsP·Cf PSPμPsP±C...C-PrPSPs P·PjPμPSC€PēC,Pē.

P—P°P»PμP¶PSPs PIC-Pr C‡P°CΓC,PsC,Pē PIPēPSPēPePSPμPSPSCΠ ΠΐPsP±C-C‡PSC-
CΉPμP°PeC†C-C— CΉPsP·ΠΐPsPrC-P»PμPSC- PSP° C,P°PeC- PeP°C,PμPiPsCΉC-C—: PrCfP¶Pμ
C‡P°CΓC,Ps (≥ 1/10), C‡P°CΓC,Ps (≥ 1/100, < 1/10), PSPμC‡P°CΓC,Ps (≥ 1/1000, < 1/1000),
CΉC-PrPePs (≥ 1/10000, < 1/1000), PrCfP¶Pμ CΉC-PrPePs (< 1/10000), P° C,P°PePsP¶ C-P·
PSPμPIC-PrPsPjPsCΉ C‡P°CΓC,PsC,PsCΉ (PSPμPjPsP¶P»PēPIPs PsC†C-PSPēC,Pē PSP°
PsCΓPSPsPIC- PSP°CΠIPSPēC... PrP°PSPēC...).

PκPēP¶C‡Pμ PIPeP°P·P°PSPs PIC-PrPsPjC- ΠΐPsP±C-C‡PSC- CΉPμP°PeC†C-C—
PePsP»C...C-C†PēPSCf, CΠPeC-, CΠPe ΠΐCΉP°PIPēP»Ps, C” PsP±PsCΉPsC,PSPēPjPē ΠΐC-CΓP»CΠ
C,PēPjC‡P°CΓPsPIPsPiPs ΠΐPμCΉPμCΉPēPIP°PSPSCΠ P»C-PeCfPIP°PSPSCΠ.

P— P±PsPeCf PeCḡPsPIC- C,P° P»C-PjC,,P°C,PëC‡PSPsC— CfPëCfC,PµPjPë		PiPsCḡCfCëPµPSPSCḡ PeC-CfC,,PePsPIPsPiPs PjPsP·PeCf P»PµPNëPePsPiPµPSC-Cḡ PiP°PSC†PëC,PsPiPµPSC-Cḡ PSPµC‡P°CfC,Ps C,ḡPsPjP±PsC†PëC,PsPiPµPSC-Cḡ PiCḡP°PSCfP»PsC†PëC,PsPiPµPSC-Cḡ P°PiP»P°CfC,PëC‡PSP° P°P±Ps PiPµPjPsP»C-C,PëC‡PSP° P°PSPµPjC-Cḡ P°PiCḡP°PSCfP»PsC†PëC,PsP· C,ḡPsPjP±PsC†PëC,PsP· PSC†PrPsC,P° P±P»CḡPIP°PSPSCḡ PrC-P°CḡPµCḡ
P— P±PsPeCf CëP»CfPSPePsPIPs- PePëCëPePsPIPsPiPs C,CḡP°PeC,Cf	C‡P°CfC,Ps	CfPiP°P·PjPë PI P¶PëPIPsC,C- P°P±PrPsPjC-PSP°P»CḡPSPëPNë P±C-P»Cḡ PSPµPNëCḡPsPiP°C,C-Cḡ P·P°PiP°PjPsCḡPsC‡PµPSPSCḡ PiC-PrPIPëC%PµPSP° C‡CfC,P»PëPIC-CfC,Cḡ PiC-PrPIPëC%PµPSPëPNë CḡC-PIPµPSCḡ P°CfPiP°CḡC,P°C,P°PjC-PPsC,CḡP°PSCfC,,PµCḡP°P·Pë (PhPŸPŸ) PiC-PrPIPëC%PµPSPëPNë CḡC-PIPµPSCḡ PSPµPIC-PrPsPjP°P°P»P°PSC-PSP°PjC-PPsC,CḡP°PSCfC,,PµCḡP°P·Pë (PhP»PŸ) PiPµPiP°C,PsC,PsPeCfPëC‡PSC-CfC,Cḡ P°P»PsPiPµC†C-Cḡ PiPsCëPePsPrP¶PµPSPSCḡ PSC-PiC,C-PI PeCḡPsPiPëPiBḡ™ CḡPSPeP° PjP°PeCfP»PsPiP°PiCfP»CḡPsP·PSPëPNë PiPëCfPëPi PiCfCḡPiCfCḡP° CëPeC-CḡPSC- PiPëCfPëPiP°PSPSCḡ PµCḡPëC,PµPjP° CfPiPµCḡP±C-P¶ PjC-PsPiP°C,C-Cḡ PiC-PrPIPëC%PµPSPëPNë CḡC-PIPµPSCḡ PeCḡPµP°C,PëPSC,,PsCfC,,PsPeC-PSP°P·Pë PjC-PsC,PsPSC-Cḡ CfP»P°P±PeC-CfC,Cḡ Cf PjBḡ™ CḡP·P°C... P±C-P»Cḡ Cf PjBḡ™ CḡP·P°C... CḡP°P±PrPsPjC-PsP»C-P· P°P·PsPsCfPiPµCḡPjC-Cḡ PsP»C-PiPsCfPiPµCḡPjC-Cḡ
P— P±PsPeCf PSPµCḡPIPsPIPsC— CfPëCfC,PµPjPë P— P±PsPeCf PiPµPiP°C,PsP±C-P»C-P°CḡPSPsC— CfPëCfC,PµPjPë	PrCfP¶Pµ CḡC-PrPePs PSPµC‡P°CfC,Ps	
P— P±PsPeCf CëPeC-CḡPë C,P° PiC-PrCëPeC-CḡPSPsC— PeP»C-C,PePsPIPëPSPë	CḡC-PrPePs	
P— P±PsPeCf CfPePµP»PµC,PSPs- PjBḡ™ CḡP·PsPIPsC— CfPëCfC,PµPjPë C,P° CfPiPsP»CfC‡PSPsC— C,PeP°PSPëPSPë	PSPµC‡P°CfC,Ps	
P— P±PsPeCf CḡPµPiCḡPsPrCfPeC,PëPIPSPsC— CfPëCfC,PµPjPë P— P±PsPeCf PSPëCḡPsPe C,P° CfPµC‡PsPIPëPIC-PrPSPëC... CëP»CḡC...C-PI	CḡC-PrPePs PSPµC‡P°CfC,Ps	

PŸPµCḡPjC-PS PiCḡPëPrP°C,PSPsCfC,C-.

5 CḡPsPeC-PI.

PjPjPsPIPë P·P±PµCḡC-PiP°PSPSCḡ.

PµCḡPë C,PµPjPiPµCḡP°C,CfCḡC- PSPµ PiPëC%Pµ 25 B°PŸ Cf P·P°C...PëC%PµPSPsPjCf PIC-Pr
CfPIC-C,P»P° PjC-CfC†C-.

P—P±PµCḡC-PiP°C,Pë PI PSPµPrPsCfC,CfPiPSPsPjCf PrP»Cḡ PrC-C,PµPNë PjC-CfC†C-.

PJPiP°PePsPIPeP°.

PμPs 20 C,P°P±P»PμC,PsPe Cr P±P»C-CÍC,PμCȚC-; PīPs 1 P±P»C-CÍC,PμCȚCr PI
PeP°CȚC,PsPSPSC-PNē PePsCȚPsP±C†C-.

PμPs 25 C,P°P±P»PμC,PsPe Cr P±P»C-CÍC,PμCȚC-; PīPs 1 P°P±Ps 2 P±P»C-CÍC,PμCȚPē PI
PeP°CȚC,PsPSPSC-PNē PePsCȚPsP±C†C-.

PљP°C,PμPiPsCȚC-CȚ PIC-PrPīCrCÍPeCr.

P—P° CȚPμC†PμPīC,PsPj.

P’PēCȚPsP±PSPēPe.

PαP°CȚPjP°CÍPμP»PμPeC, P†PSC,PμCȚPSPμCēPSP» P’PμC,PμP»C-PiP°PSPiP· P“PjP±PI’ /
Pharmaselect Inernational Beteiligungs GmbH.

**PњC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCȚ PIPēCȚPsP±PSPēPeP° C,P° PNēPsPiPs
P°PrCȚPμCÍP° PjC-CÍC†CȚ PīCȚPsPIP°PrP¶PμPSPSCȚ PrC-CȚP»CHΉPSPsCÍC,C-.**

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