

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PεP°CĤCíCĤPεPsPiPs
P•P°CíPsP±Cí**

(SAWIS)

$P''C-C''PSPsPiP_{\mu}Cl'_{\Sigma}$, $\bar{b}\bar{H}''$ $PiPsC...C-PrPSP_{\mu}PSPsC\bar{H}_{\Sigma}P_{\mu}Cl'_{\Sigma},PsCl'_{\Sigma},P_{\mu}C\bar{H}_{\Sigma}PsPSCr'P\pm P_{\mu}P$.
 $P^{\circ}PSPPrC\bar{H}_{\Sigma}PsPiP_{\mu}PSPSPsC- C,P^{\circ}P^{\circ}PiP_{\mu}PIPSPsC\bar{H}P^{\circ}PSC,P\bar{e}P^{\circ}PSPPrC\bar{H}_{\Sigma}PsPiP_{\mu}PSPSPsC\bar{H}$
 $P^{\circ}PeC,P\bar{e}PIPSC-Cl'_{\Sigma},C\bar{H},C\%_{\Sigma}PsCl'_{\Sigma},P^{\circ}PSPsPIP\bar{e}C,C\bar{H}PiC\bar{H}_{\Sigma}P\bar{e}P\pm P\rangle P\bar{e}P\cdot PSPsPsPrPSCr'$
 $C,C\bar{H}_{\Sigma}P_{\mu}C,P\bar{e}PSCr'P^{\circ}PeC,P\bar{e}PIPSPsCl'_{\Sigma},C- C\bar{t}P\bar{e}PiC\bar{H}_{\Sigma}PsC,P_{\mu}C\bar{H}_{\Sigma}PsPSCr'P^{\circ}C\bar{t}P_{\mu}C,P^{\circ}C,Cr'.$
 $P''C-C''PSPsPiP_{\mu}Cl'_{\Sigma},P\cdot Pi\bar{b}\bar{H}''Cl_{\Sigma}P\cdot Cr'_{\Sigma}C,C\bar{H}Cl'_{\Sigma}Cl_{\Sigma}P\cdot C\bar{H}_{\Sigma}P_{\mu}C\bar{t}P_{\mu}PiC,PsC\bar{H}_{\Sigma}P^{\circ}PjP\bar{e}$
 $PiC\bar{H}_{\Sigma}PsPiP_{\mu}Cl'_{\Sigma},P_{\mu}C\bar{H}_{\Sigma}PsPSCr'Cr'PjP^{\circ}C,C\bar{t}C- C,C-P\rangle C\bar{H}PeP\bar{e}P\cdot 10\%PIC-PrPSPsCl'PSPsC\bar{H}$
 $P^{\circ}C,,C-PSPSC-Cl'_{\Sigma},C\bar{H}.P\bar{k}P_{\mu}P\cdot PIP^{\circ}P\Pi^{\circ}C\bar{H}C\bar{t}P\bar{e}PSP^{\circ}PSP\bar{e}P\cdot C\bar{H}PeCr'P^{\circ}C,,C-PSPSC-Cl'_{\Sigma},C\bar{H}PrPs$
 $C\bar{H}_{\Sigma}P_{\mu}C\bar{t}P_{\mu}PiC,PsC\bar{H}_{\Sigma}-PiPiC\bar{H}_{\Sigma}PsPiP_{\mu}Cl'_{\Sigma},P_{\mu}C\bar{H}_{\Sigma}PsPSCr',PrC-C''PSPsPiP_{\mu}Cl'_{\Sigma},PIP\bar{e}Cl_{\Sigma}PIP\rangle Cl_{\Sigma}C''$

P'C-PrPeC $\overline{H}$ P $\overline{e}$ C,P $\overline{u}$ P $\overline{i}$ C $\overline{H}$ PsPrPsPIP $\overline{u}$ PSPSC $\overline{u}$ C $\overline{t}$ CHbPsPiPs P $\overline{i}$ P $\gg$ P $\circ$ C $\overline{t}$ P $\overline{u}$ P $\pm$ Ps-
PePsPSC,C $\overline{H}$ PsP $\gg$ CHbPsPIP $\circ$ PSPsPiPs PrPsC $\overline{t}$ P $\gg$ C-PrP $\overline{u}$ PSPSC $\overline{u}$ P $\overline{i}$ PsPeP $\circ$ P $\circ$ P $\gg$ Ps
P $\pm$ P $\overline{u}$ P $\cdot$ P $\overline{i}$ P $\overline{u}$ C $\overline{H}$ P $\overline{u}$ C $\overline{H}$ PIPSP $\overline{u}$ P $\cdot$ PjP $\overline{u}$ PSC ϵ P $\overline{u}$ PSPSC $\overline{u}$ P $\overline{i}$ PsPiB $\overline{H}$ TM C $\overline{u}$ P $\cdot$ P $\circ$ PSPsPiPs P $\cdot$
P $\overline{u}$ PSPrPsPjP $\overline{u}$ C,C $\overline{H}$ C-PsP $\cdot$ PsPj P $\pm$ PsP $\gg$ C $\overline{H}$ PI PrC-P $\gg$ C $\overline{u}$ PSC $\overline{t}$ C- C,P $\circ$ P $\cdot$ P $\circ$ P $\overline{i}$ C $\overline{H}$ P $\overline{e}$

P»C-PeCfPIP°PSPSC- C,CTjPëPIP°P»C-CfC,CT PrPs 15 PjC-CfCfCfC-C-PI.

P PµP·CfP»CHC,P°C,Pë PîP»P°C†PµP±Ps-PePsPSC,CTjPsP»CHPsPIP°PSPëC...
PrPsCfP»C-PrP¶PµPSCf PîC-PrC,PIPµCTjPrP¶CfPIP°P»PëCfCfCfC CTjPµP·CfP»CHC,P°C,P°PjPë,
PsC,CTjPëPjP°PSPëPjPë Cr PîCTjPsC†PµCfC- CëPµCfC,PëPjC-CfCfCfC†PSPsPiPs P°PeC,PëPIPSPs
PePsPSC,CTjPsP»CHPsPIP°PSPsPiPs PrPsCfP»C-PrP¶PµPSPSCf PîPsCTjC-PIPSCfPSPs P·
P°PiPsPSC-CfC,PsPj PiPsPSP°PrPsC,CTjPsPîC-PS-CTjPëP»C-P·PëPSPi PiPsCTjPjPsPSCf P·
CfC†P°CfC,CT 252 PîP°C†C-C°PSC,PsPe P· PµPSPPrPsPjPµC,CTjC-PsP·PsPj.

PÿCTjPë PrPsCfP»C-PrP¶PµPSPSCf P· CfC†P°CfC,CT 252 PîP°C†C-C°PSC,PsPe, CfPëC-
PsC,CTjPëPjCfPIP°P»Pë PrC-C°PSPsPiPµCfC, PîPs 2 PjPi PSP° PrPsP±Cf,
PîCTjPsPrPµPjPsPSCfC,CTjCfPIP°P»Pë C-CfC,PsC,PSPµ P·PSPëP¶PµPSPSCf
PµPSPPrPsPjPµC,CTjC-PsC—PrPSPëC... CfCTjP°P¶PµPSCf C†PµCTjPµP· 6 PjC-CfCfCfC-C-PI
P»C-PeCfPIP°PSPSCf.

Pj PîCTjPsC†PµCfC- PSPµPIPµP»PëPePsPiPs PrPsCfP»C-PrP¶PµPSPSCf (n=8 PSP° PîCTjCfPîCf
PrPsP·CfPIP°PSPSCf) P·P°CfC,PsCfCfPIP°PSPSCf PrC-C°PSPsPiPµCfC,Cf PI PrPsP·C- 1 PjPi
PSP° PrPsP±Cf PIPëCfPIPëP»Ps PIC-PrCfCfC,PSC-CfC,CH PsPICfP»CfCfC-C— C†PµCTjPµP· 1
PjC-CfCfCfC†CH C,PµCTjP°PîC-C—. P°C-C°PSPsPiPµCfC, PSPµ PrPsCfP»C-PrP¶CfPIP°P»Pë
C%PsPrPs PePsPSC,CTjP°C†PµPîC,PëPIPSPsC— PµC,,PµPeC,PëPIPSPsCfC,C- Cf
P±C-P»CHCëPëC... PrPsCfP»C-PrP¶PµPSPSCf....

P°PSC- C%PsPrPs P±PµP·PîPµPePë

P C-PIPµPSCf PµPSPPrPsPiPµPSPSPsPiPs PµCfC,CTjPsPiPµPSCf C,C-P»CHPePë PîPsPjC-CTjPSPs
PîCTjPëPiPSC-C†CfC°C,CHCfCfCfC PîC-Pr C†P°Cf P»C-PeCfPIP°PSPSCf PrC-C°PSPsPiPµCfC,PsPj,
C,P°P±P»PµC,PeP°PjPë 2 PjPi.

P°PsC,PµPîPµCTj CTjPµP·CfP»CHC,P°C,Pë PrPsPiPîPsCfC,CTjPsPePsPIPëC...
PrPsCfP»C-PrP¶PµPSCf PjC-PSPµCTjP°P»CHPSPsC— C%C-P»CHPSPsCfC,C- PeC-CfC,PsPe
(PµP©Pµ) C- CTjPëP·PëPeCf PîPµCTjPµP»PsPjC-PI Cf PîP°C†C-C°PSC,PsPe, CfPëC-
P·P°CfC,PsCfPsPICfCTC,CH PrC-C°PSPsPiPµCfC,, C,P°P±P»PµC,PePë 2 PjPi, PîPsPePë C%Ps
PSPµPrPsCfC,CfPîPSC-. PµP©Pµ PsC†C-PSCfPIP°P»Pë Cr 21 PrPsCTjPsCfP»PsC—
PîP°C†C-C°PSC,PePë PrPs C,P° PîC-CfP»CfC 6 PjC-CfCfCfC-C-PI P»C-PeCfPIP°PSPSCf
PrC-C°PSPsPiPµCfC,PsPj, C,P°P±P»PµC,PeP°PjPë 2 PjPi. P—PSPëP¶PµPSPSCf
CfPµCTjPµPrPSCfPsPiPs PîPsPeP°P·PSPëPeP° PµP©Pµ PIPëCfPIP»PµPSPs PSPµ P±CfP»Ps. Pj
29 PîP°C†C-C°PSC,PsPe, CfPëC- PsC,CTjPëPjCfPIP°P»Pë P»PµPµPîCTjPsCTjPµP»C-PSCf
P°C†PµC,P°C,, CfPµCTjPµPrPSC° P·PSPëP¶PµPSPSCf 4,04 % B± 4,84 P±CfP»Ps
PIC-PrP·PSP°C†PµPSPs P·P° C,PsPµ P¶Pµ PîPµCTjC-PsPr (D PjC-P¶ PîCTjCfPîP°PjPë = 4,29 %, 95
% P°P†: 1,93-6,66, CTj <0,0003).

PkPµ CfPîPsCfC,PµCTjC-PîP°P»PsCfCfCfC P·PSP°C†PSPsPiPs PIPîP»PëPICf PSP°
CfC,P°PSPPrP°CTjC,PSC- P»P°P±PsCTjP°C,PsCTjPSC- PîPsPeP°P·PSPëPePë, Cr C,PsPjCf
C†PëCfP»C- PSP° CTjPµP·CfP»CHC,P°C,Pë P°PSP°P»C-P·Cf PeCTjPsPIC-,
P±C-PsC...C-PjC-C†PSPsPiPs P°PSP°P»C-P·Cf PeCTjPsPIC-, CTjC-PIPµPSCf
PîPµC†C-PSPePsPIPëC... C,,PµCTjPjPµPSC,C-PI, CTjC-PIPµPSCf P»C-PîC-PrC-PI C- HbA1Pÿ,
PîC-Pr C†P°Cf P»C-PeCfPIP°PSPSCf PrC-C°PSPsPiPµCfC,PsPj, C,P°P±P»PµC,PeP°PjPë 2 PjPi,
CfPîCTjPsPrPsPIP¶ 15 PjC-CfCfCfC-C-PI (N = 168).

P°PSC- C%PsPrPs P±PµP·PîPµPePë PrP»CfCfCfC PîC-PrP»C-C,PeC-PI

P°PµP·PîPµPeCf PrC-C°PSPsPiPµCfC,Cf, C,P°P±P»PµC,PsPe 2 PjPi, C%PsPrPs PµP©Pµ P±CfP»Ps

PrPsCfP»C-PrP¶PµPSPs Cr PīCḡPsC†PµCfC- PSPµPePsPSC,CḡPsP»CHPsPIP°PSPsPiPs
PrPsCfP»C-PrP¶PµPSPSC¶ PīCḡPsC,C¶PiPsPj 12 PjC-CfC¶C†C-PI P· CrC†P°CfC,Cḡ 111
PīP°C†C-C”PSC,PsPe PīC-PrP»C-C,PePsPIPSPiPs PIC-PeCr (PIC-PePsPj PIC-Pr 12 PrPs <18
CḡPsPeC-PI) P· PeP»C-PSC-C†PSPs PīC-PrPsP·CḡCḡPIP°PSPëPj P°P±Ps
PīC-PrC,PIPµCḡPrP¶PµPSPëPj PµPSPPrPsPjPµC,CḡC-PsP·PsPj. PŸPµCḡPµPrPSC¶
PIC-PrPSPsCfPSP° P·PjC-PSP° PḡP©Pḡ PīPsPīPµCḡPµPePsPIPSPiPs PIC-PrPrC-P»Cr
C...CḡPµP±C,P° (L2 Bḡ“ L4) PIC-Pr PīPsC†P°C,PePsPIPëC... PīPsPeP°P·PSPëPeC-PI Cr 103
PīP°C†C-C”PSC,PsPe C-P· PIPëPjC-CḡCḡPIP°PSPSC¶Pj PḡP©Pḡ CfC,P°PSPsPIPëP»P° -1,2 %.
PµPsPIC,PsCḡPSPµ PIPëPjC-CḡCḡPIP°PSPSC¶ C†PµCḡPµP· 6 PjC-CfC¶C†C-PI PīC-CfP»C¶
P·P°PIPµCḡCëPµPSPSC¶ P»C-PeCrPIP°PSPSC¶ Cr CfC†P±PiCḡC†PīC- P·C- P·PSPëP¶PµPSPëPjPë
P·PSP°C†PµPSPSC¶PjPë PḡP©Pḡ PīPsPeP°P·P°P»Ps PīC-PrPIPëC%PµPSPSC¶ PḡP©Pḡ PrPs Bḡ“
0,6 %.

P”P°PSC- PrPsPeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSCḡ P· P±PµP·PīPµPePë

P”P°PSC- PrPsPeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSCḡ PSPµ PIPeP°P·CrCḡC,CH PSP°
C-CfPSC†PIP°PSPSC¶ PsCfPsP±P»PëPIPsPiPs CḡPëP·PëPeCr PrP»C¶ P»CḡPrPëPSPë PSP°
PīC-PrCfC,P°PIC- CfC,P°PSPPrP°CḡC,PSPëC... PrPsCfP»C-PrP¶PµPSCḡ
C,PsPeCfPëC†PSPsCfC,C- PīCḡPë P±P°PiP°C,PsCḡP°P·PsPIPSPjCr PīCḡPëPNḡPsPjC-,
PiPµPSPsC,PsPeCfPëC†PSPsCfC,C-, PeP°PSC†PµCḡPsPiPµPSPSPsC— PrC—C— C,P°
C,PsPeCfPëC†PSPsPiPs PIPiP»PëPICr PSP° CḡPµPīCḡPsPrC†PeC,PëPIPSCr C,,CrPSPeC†C-Cḡ.
PµCḡPsC,Pµ CfP»C-Pr P±CḡP°C,Pë PrPs CrPIP°PiPë, C%Ps CfC,P°C,PµPIC- CfC,PµCḡPsC—PrPë
PjPsP¶C†C,CH CfPīCḡPëC¶C,Pë CḡPsCfC,Cr PīPµPIPSPëC... PiPsCḡPjPsPSPsP·P°P»PµP¶PSPëC...
C,PeP°PSPëPS C,P° PīCrC...P»PëPS.

P”P°PSC- P· P±PµP·PīPµPePë PīCḡPë PrPsPIPiPsC,CḡPëPIP°P»PsPjCr P·P°CfC,PsCfC†PIP°PSPSC-

P·C†P»Ps PīCḡPsPIPµPrPµPSPs PsP±CfPµCḡPIP°C†C-PNḡPSPµ
PīC-CfP»C¶CḡPµC”CfC,CḡP°C†C-PNḡPSPµ PrPsCfP»C-PrP¶PµPSPSC¶ P· P°PeC,PëPIPSPëPj
CfPīPsCfC,PµCḡPµP¶PµPSPSC¶Pj P· PjPµC,PsCḡ PIPëP·PSP°C†PµPSPSC¶ C†P°CfC,PsC,Pë
PīPµCḡPIPëPSPSPsPiPs PIPëPSPëPePSPµPSPSC¶ P°P±Ps P·P°PiPsCfC,CḡPµPSPSC¶
PeP»C-PSC-C†PSPs P·PSP°C†CrC%PsC— PrPµPīCḡPµCfC-C— C,P° PīPsC¶PIPë P°PSPµPjC-C—.
Pj PrPsCfP»C-PrP¶PµPSPSC- PIP·C¶P»Pë CrC†P°CfC,CH P·P°PiP°P»PsPj 27840 P¶C-PSPsPe,
C¶PePëPj P±CrP»Ps PIPiPµCḡCëPµ PīCḡPëP·PSP°C†PµPSPs PiPsCḡPjPsPSP°P»CHPSCr
C,PµCḡP°PīC-Cḡ PrP»C¶ P»C-PeCrPIP°PSPSC¶ PµPSPPrPsPjPµC,CḡC-PsP·Cr, C- P·P°
C—C...PSC-Pj CfC,P°PSPsPj CfPīPsCfC,PµCḡC-PiP°P»Pë PīCḡPsC,C¶PiPsPj PīPµCḡC-PsPrCr
PrPs 7 CḡPsPeC-PI.

3023 P¶C-PSPeP°Pj P±CrP»Ps PīCḡPëP·PSP°C†PµPSPs PrC-C”PSPsPiPµCfC, Cr
PrPsP·CrPIP°PSPSC- 2 PjPi, 3371 PīP°C†C-C”PSC,C†C- P±CrP»Ps PīCḡPëP·PSP°C†PµPSPs
C-PSCëC- P»C-PeP°CḡCfCḡPeC- P·P°CfPsP±Pë, CfC...PIP°P»PµPSC- PrP»C¶
P»C-PeCrPIP°PSPSC¶ PµPSPPrPsPjPµC,CḡC-PsP·Cr. P—P°PiP°P»CHPSPµ
CfPePsCḡPëPiPsPIP°PSPµ CfPīC-PIPIC-PrPSPsCëPµPSPSC¶ CḡPëP·PëPeC-PI
PIPëPSPëPePSPµPSPSC¶ PSPsPIPëC... PIPëPīP°PrPeC-PI P°PSPµPjC-C— Cr PīP°C†C-C”PSC,PsPe,
C¶PeC- PīCḡPëPNḡPjP°P»Pë PrC-C”PSPsPiPµCfC,, PīPsCḡC-PIPSC¶PSPs P·
PīP°C†C-C”PSC,PeP°PjPë, C¶PeC- PīCḡPëPNḡPjP°P»Pë C-PSCëC- P»C-PeP°CḡCfCḡPeC-
P·P°CfPsP±Pë, CfC...PIP°P»PµPSC- PrP»C¶ P»C-PeCrPIP°PSPSC¶ PµPSPPrPsPjPµC,CḡC-PsP·Cr,
CfC,P°PSPsPIPëP»Ps 1,1 (P”P† 95 %: 0,4-2,6). PŸPePsCḡPëPiPsPIP°PSPµ
CfPīC-PIPIC-PrPSPsCëPµPSPSC¶ CḡPëP·PëPeC-PI PIPëPSPëPePSPµPSPSC¶
PrPµPīCḡPµCfC-C— Cr PīP°C†C-C”PSC,PsPe, C¶PeC- PīCḡPëPNḡPjP°P»Pë PrC-C”PSPsPiPµCfC,,
PīPsCḡC-PIPSC¶PSPs P· PīP°C†C-C”PSC,PeP°PjPë, C¶PeC- PīCḡPëPNḡPjP°P»Pë C-PSCëC-
P»C-PeP°CḡCfCḡPeC- P·P°CfPsP±Pë, CfC...PIP°P»PµPSC- PrP»C¶ P»C-PeCrPIP°PSPSC¶

РμPSPPrPsPjPμC, C҃҃C- PsP·C҃҃, C҃҃C, P°PSPsPIPëP»Ps 1,8 (P”Pt 95 %: 0,3-9,4). PќPμ PjPsP¶PSP°
PIPëPeP»C҃҃C҃҃PëC, Pë PSPμP·PSP°C҃҃PSPμ PīC-PrPIPëC%PμPSPSC҃҃ C҃҃PëP·PëPeC҃҃
PIPëPSPëPePSPμPSPSC҃҃ PrPμPīC҃҃PμC҃҃C-C— C҃҃ PīP°C҃҃C-C”PSC, PsPe, C҃҃PeC-
PīC҃҃PëP№PjP°C҃҃C, C҃҃ PrC-C”PSPsPiPμC҃҃C,, PīPsC҃҃C-PIPSC҃҃PSPs P· PīP°C҃҃C-C”PSC, PeP°PjPë,
C҃҃PeC- PīC҃҃PëP№PjP°C҃҃C, C҃҃ C-PSC€C- P»C-PeP°C҃҃C҃҃C҃҃PeC- P·P°C҃҃PsP±Pë,
C҃҃C...PIP°P»PμPSC- PrP»C҃҃ P»C-PeC҃҃PIP°PSPSC҃҃ PμPSPPrPsPjPμC, C҃҃C- PsP·C҃҃.

PαP°C҃҃PjP°PePsPeC-PSPμC, PëPeP°

P’C҃҃PjPsPeC, C҃҃PIP°PSPSC҃҃

PμC-C҃҃P»C҃҃ PīPμC҃҃PsC҃҃P°P»C҃҃PSPsPiPs PīC҃҃PëP№PsPjC҃҃ PrC-C”PSPsPiPμC҃҃C, C€PIPëPrPePs
C- PīPsPIPSC-C҃҃C, C҃҃ PIC҃҃PjPsPeC, C҃҃C”C, C҃҃C҃҃C҃҃. P҃P°PeC҃҃PëPjP°P»C҃҃PSP°
PePsPSC҃҃PμPSC, C҃҃P°C҃҃C-C҃҃ C҃҃ C҃҃PëC҃҃PsPIP°C, C҃҃C- PeC҃҃PsPIC- PrPsC҃҃C҃҃PīP°C”C, C҃҃C҃҃C҃҃
PīC҃҃PëP±P»PëP·PSPs C҃҃PμC҃҃PμP· 1,5 PīPsPrPëPSPë PīC-C҃҃P»C҃҃ PsPrPSPsC҃҃P°P·PsPIPsPiPs
PīPμC҃҃PsC҃҃P°P»C҃҃PSPsPiPs PīC҃҃PëP№PsPjC҃҃ C- C҃҃C, P°PSPsPIPëC, C҃҃ 47 PSpI/PjP».
P’C- PsPrPsC҃҃C, C҃҃PīPSC-C҃҃C, C҃҃ C҃҃C, P°PSPsPIPëC, C҃҃ PīC҃҃PëP±P»PëP·PSPs 91 %.
PαP°C҃҃PjP°PePsPeC-PSPμC, PëPeP° PrC-C”PSPsPiPμC҃҃C, C҃҃ P·P°P»PμP¶PëC, C҃҃ PIC-Pr PrPsP·Pë
PI PrC-P°PīP°P·PsPSC- PrPsP· 1-8 PjPi.

P PsP·PīPsPrC-P»

P”C-C”PSPsPiPμC҃҃C, P·PīB҃҃™ C҃҃P·C҃҃C”C, C҃҃C҃҃C҃҃ C-P· C҃҃PëC҃҃PsPIP°C, PePsPIPëPj
P°P»C҃҃P±C҃҃PjC-PSPsPj C, P° PSPμ P·PīB҃҃™ C҃҃P·C҃҃C”C, C҃҃C҃҃C҃҃ P· PīP»PsP±C҃҃P»C-PSPsPj,
C%Ps P·PīB҃҃™ C҃҃P·C҃҃C” C҃҃C, P°C, PμPIC- C҃҃C, PμC҃҃PsC—PrPë (P”P—P҃P҃), P°P±Ps C-P·
PīP»PsP±C҃҃P»C-PSPsPj, C%Ps P·PīB҃҃™ C҃҃P·C҃҃C” PePsC҃҃C, PëPePsC—PrPë (P”P—P҃). 10 %
PIC-Pr P·P°PīP°P»C҃҃PSPsC— PePsPSC҃҃PμPSC, C҃҃P°C҃҃C-C— PrC-C”PSPsPiPμC҃҃C, C҃҃ C҃҃
C҃҃PëC҃҃PsPIP°C, C҃҃C- PeC҃҃PsPIC- P·PSP°C...PsPrC҃҃C, C҃҃C҃҃C҃҃ C҃҃ PIPëPiP»C҃҃PrC-
PIC-P»C҃҃PSPsPiPs C҃҃C, PμC҃҃PsC—PrC҃҃, P° 90 % - PSPμC҃҃PīPμC҃҃P±PëC,, C-C҃҃PSPs
P·PīB҃҃™ C҃҃P·P°PSC- P· P°P»C҃҃P±C҃҃PjC-PSPsPj. P҃C҃҃PμPIPëPrPSPëP№ PsP±B҃҃™ C”Pj
C҃҃PsP·PīPsPrC-P»C҃҃ (Vd/F) PrC-C”PSPsPiPμC҃҃C, C҃҃ C҃҃C, P°PSPsPIPëC, C҃҃ 40 P».

P҃PμC, P°P±PsP»C-P·Pj

P”C-C”PSPsPiPμC҃҃C, PīPsPIPSC-C҃҃C, C҃҃ PjPμC, P°P±PsP»C-P·C҃҃C”C, C҃҃C҃҃C҃҃ PIC-PrPsPjPëPjPë
C€P»C҃҃C...P°PjPë PjPμC, P°P±PsP»C-P·PjC҃҃ C҃҃C, PμC҃҃PsC—PrC-PI, P· C҃҃C, PIPsC҃҃PμPSPSC҃҃Pj
PīPμC҃҃PμPIP°P¶PSPs PμPSPPrPsPeC҃҃PëPSPsP»PsPiC-C҃҃PSPs PSPμP°PeC, PëPIPSPëC...
PjPμC, P°P±PsP»C-C, C-PI. PќP° PīC-PrC҃҃C, P°PIC- PrPsC҃҃P»C-PrP¶PμPSC҃҃ *in vitro* C, P° *in vivo*
CYP3A4 B҃҃ PīPsP»PsPIPSPëP№ C,, PμC҃҃PjPμPSC,, P·P°P»C҃҃C҃҃PμPSPëP№ C҃҃
PjPμC, P°P±PsP»C-P·Pj PrC-C”PSPsPiPμC҃҃C, C҃҃. PīC- PjPμC, P°P±PsP»C-C, Pë PrC҃҃P¶Pμ
C€PIPëPrPePs PIPëPIPsPrC҃҃C, C҃҃C҃҃C҃҃ P· PīP»P°P·PjPë PeC҃҃PsPIC- C҃҃ C, P°PePëP№
C҃҃PīPsC҃҃C-P±, C%Ps PrPsPjC-PSC҃҃C҃҃C҃҃PsC҃҃ C,, C҃҃P°PeC҃҃C-C”C҃҃ C҃҃ PīP»P°P·PjC- PeC҃҃PsPIC-
C” PrC-C”PSPsPiPμC҃҃C, C҃҃ PSPμP·PjC-PSPμPSPsPjC҃҃ PIPëPiP»C҃҃PrC-.

PëPIPëPrPeC-C҃҃C, C҃҃ PeP»C-C҃҃PμPSC҃҃C҃҃ (Cl/F) C-P· C҃҃PëC҃҃PsPIP°C, PePë PeC҃҃PsPIC-
C҃҃C, P°PSPsPIPëC, C҃҃ 64 PjP»/C...PI.

P’PëPIPμPrPμPSPSC҃҃

P C-PIPμPSC҃҃ PrC-C”PSPsPiPμC҃҃C, C҃҃ PI C҃҃PëC҃҃PsPIP°C, C҃҃C- PeC҃҃PsPIC-
P·PSPëP¶C҃҃C”C, C҃҃C҃҃C҃҃ PrPIPsC,, P°P·PSPs. P҃C-PSC҃҃PμPIP° C,, P°P·P° PIPëPIPμPrPμPSPSC҃҃
C...P°C҃҃P°PeC, PμC҃҃PëP·C҃҃C”C, C҃҃C҃҃C҃҃ PīPμC҃҃C-PsPrPsPj PSP°PīC-PIIPëPIPμPrPμPSPSC҃҃,

C%Ps CГC, P°PSPsPIPëC, CH PïCГPëP±P»PëP·PSPs 9–10 PiPsPrPëPS. P”C–C”PSPsPiPµCГC, PIPëPIPsPrPëC, CHCГCЦ Cr C,, PsCГPjC– PjPµC, P°P±PsP»C–C, C–PI C–P· CГPµC±PµCГ C, P° PeP°P»PsPj Cr CГPïC–PIPIC–PrPSPsCëPµPSPSC– PïCГPëP±P»PëP·PSPs 3:1 PïC–CГP»CЦ PïPµCГPsCГP°P»CHPSPsPiPs PïCГPëPµPsPjCr PI PrPsP·C– 0,1 PjPi/PePi. PµPµCГC–PsPr PSP°PïC–PIPIPëPIPµPrPµPSPSCЦ PjPµC, P°P±PsP»C–C, C–PI C–P· CГPµC±PµCГ CГC, P°PSPsPIPëC, CH PïCГPëP±P»PëP·PSPs 14 PiPsPrPëPS.

PµC–CГP»CЦ PïPµCГPsCГP°P»CHPSPsPiPs PïCГPëPµPsPjCr 86 % PIPIPµPrPµPSPsC— PrPsP·Pë PIPëPIPsPrPëC, CHCГCЦ P· PsCГPïP°PSC–P·PjCr Cr PjPµP¶P°C... 6 PrPSC–PI, P±C–P»CHCëP° C±P°CГC, PëPSP° CГC–C”C— PeC–P»CHPePsCГC, C– PIPëPIPsPrPëC, CHCГCЦ Cr PïPµCГCëC– 24 PiPsPrPëPSPë, PiPsP»PsPIPSPëPj C±PëPSPsPj C–P· CГPµC±PµCГ.

PŸC, P°PS CГC–PIPSPsPIP°PiPë

PµP°CГPjP°PePsPeC–PSPµC, PëPeP° PrC–C”PSPsPiPµCГC, Cr PSPµ P·P°P»PµP¶PëC, CH PIC–Pr CГC–PIPSCЦ P”P—PŸPŸ. PµCГPë C%PsPrPµPSPSPsPjCr PïCГPëPµPsPjC– PePsPSC±PµPSC, CГP°CГC–CЦ CГPµC±PsPIPëPSPë Cr CГPëCГPsPIP°C, CГC– PeCГPsPIC– P·CГPsCГC, P°C” PïCГPëP±P»PëP·PSPs PI 1,24 CГP°P·P°, PrPsCГCЦPiP°CГC±Pë CГC–PIPSPsPIP°P¶PSPsPiPs CГC, P°PSCr C±PµCГPµP· 4 PrPSC– P·P°CГC, PsCГCГPIP°PSPSCЦ. PµP°CГPjP°PePsPeC–PSPµC, PëPeP° PrC–C”PSPsPiPµCГC, Cr PïC–CГP»CЦ PïPsPIC, PsCГPSPsPiPs P·P°CГC, PsCГCГPIP°PSPSCЦ PrC–C”PSPsPiPµCГC, Cr, C, P°P±P»PµC, PsPe 2 PjPi, PjPsP¶Pµ P±CГC, Pë PïPµCГPµPrP±P°C±PµPSP° PSP° PïC–PrCГC, P°PIC– PrP°PSPëC... C%PsPrPs C,, P°CГPjP°PePsPeC–PSPµC, PëPePë PsPrPSC–C”C— PrPsP·Pë.

PµP°CГPjP°PePsPeC–PSPµC, PëPeP° PI PsCГPsP±P»PëPIPëC... PiCГCrPiP°C... PiP°CГC–C”PSC, C–PI

Pj PïP°CГC–C”PSC, C–PI C–P· PïPsCГCrCëPµPSPSCЦPjPë C,, CrPSPeCГC–C— PSPëCГPsPe C,, P°CГPjP°PePsPeC–PSPµC, PëPeCr PïCГPµPiP°CГP°C, Cr CP°PIC–CГ, C, P°P±P»PµC, PsPe

2 PjPi, PSPµ PIPëPIC±P°P»Pë.

Pj PïP°CГC–C”PSC, C–PI C–P· PïPsCГCrCëPµPSPSCЦPjPë C,, CrPSPeCГC–C— PïPµC±C–PSPëPë C,, P°CГPjP°PePsPeC–PSPµC, PëPeCr PïCГPµPiP°CГP°C, Cr PŸP°PIC–CГ, C, P°P±P»PµC, PsPe

2 PjPi, PSPµ PIPëPIC±P°P»Pë.

РЉР»C–PSC–C±PSC– C...P°CГP°PeC, PµCГPëCГC, PëPePë

PµPsPeP°P·P°PSPSCЦ. P>C–PeCrPIP°PSPSCЦ PµPSPrPsPjPµC, CГC–PsP·Cr.

PµCГPsC, PëPiPsPeP°P·P°PSPSCЦ. PµCГPµPiP°CГP°C, PŸP°PIC–CГ PSPµ CГP»C–Pr P·P°CГC, PsCГPsPICrPIP°C, Pë Cr CГP°P·C– PSP°CЦPIPSPsCГC, C– P±CrPrCH–CЦPePsPiPs C–P· PSPëP¶C±PµP·P°P·PSP°C±PµPSPëC... CГC, P°PSC–PI P°P±Ps P·P°C...PIPsCГCГPIP°PSCH. PïCЦ C–PSC,, PsCГPjP°CГC–CЦ C±P°CГC, PePsPIPs PsC, CГPëPjP°PSP° PSP° PïC–PrCГC, P°PIC– P·P°CГC, PsCГCГPIP°PSPSCЦ C–PSCëPëC... PïCГPµPiP°CГP°C, C–PI, C%Ps PjC–CГC, CЦC, CH C, C–P»CHPePë PïCГPsPiPµCГC, PsPiPµPS. PïPeC%Ps P±CrPrCH–CЦPePëPµ C–P· CГPëC... CГC, P°PSC–PI P°P±Ps P·P°C...PIPsCГCГPIP°PSCH PIPëPSPëPeP°C” PIPiPµCГCëPµ PïC–Pr C±P°CГ P·P°CГC, PsCГCГPIP°PSPSCЦ PïCГPµPiP°CГP°C, Cr PŸP°PIC–CГ, PïCГPëPµPsPj PïCГPµPiP°CГP°C, Cr CГP»C–Pr PSPµPiP°PµPSPs PïCГPëPiPëPSPëC, Pë:

- PIPµPSPsP·PSP° C, CГPsPjP±PsPµPjP±PsP»C–CЦ PI P°PeC, PëPIPSC–Pµ C,, PsCГPjC–;

- P°CḡC, PμCḡC-P°P»CHḡPSC- P°P±Ps PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSC-
P·P°C...PIPsCḡCḡPIP°PSPSCḡ PSpḡPSC- P°P±Ps PI P°PSP°PjPSPμP·C- (PSP°PḡCḡPḡPeP»P°Pr
C-PSC,,P°CḡPeC, PjC-PsPeP°CḡPrP°, C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CḡCḡPSP° PḡPsPrC-Cḡ,
C-CḡPμPjC-C†PSP° C...PIPsCḡPsP±P° CḡPμCḡC†Cḡ);

- C†CḡPeCḡPsPIPḡPNḡ PrC-P°P±PμC, P· CḡCḡP°PḡPμPSPSCḡPj CḡCḡPrPḡPS;

- C,CḡPḡPeC- P·P°C...PIPsCḡCḡPIP°PSPSCḡ PḡPμC†C-PSPeḡ PSpḡPSC- P°P±Ps C—C...
PSP°CḡPIPSC-CḡC,CHḡ PI P°PSP°PjPSPμP·C-, PḡPsPeḡ PḡPsPeP°P·PSPḡPeḡ C,,CḡPSPeC†C-C—
PḡPμC†C-PSPeḡ PSpμ PḡPsPIPμCḡPSCḡC,CHḡCḡCḡ PrPs PSpCḡPjPḡ;

- PḡCḡC...P»PḡPSPḡ PḡPμC†C-PSPeḡ PSpḡPSC- P°P±Ps PI P°PSP°PjPSPμP·C-
(PrPsP±CḡPsCḡPeC-CḡPSC- P°P±Ps P·P»PsCḡPeC-CḡPSC-);

- PIC-PrPsPjC- P°P±Ps PḡC-PrPsP·CḡCḡPIP°PSC- P·P»PsCḡPeC-CḡPSC- PḡCḡC...P»PḡPSPḡ,
P·P°P»PμPḡPSC- PIC-Pr CḡC,P°C,PμPIPḡC... PḡPsCḡPjPsPSC-PI;

- PIP°PḡC-PSP°P»CHḡPSP° PeCḡPsPIPsC,PμC†P° PSpμP·Bḡ™ CḡCḡPḡPIP°PSPsC—
PμC,C-PsP»PsPḡC—;

- PḡC-PrPIPḡC%PμPSP° C†CḡC,P»PḡPIC-CḡC,CHḡ PrPs PrC-CḡC†PsC— CḡPμC†PsPIPḡPSPḡ
P°P±Ps PrPs P±CḡPrCHḡ-CḡPePsC— P· PrPsPḡPsPjC-PḡPSPḡC... CḡPμC†PsPIPḡPS
PḡCḡPμPḡP°CḡP°C,Cḡ (PrPḡPI. CḡPsP·PrC-P» B«PḡPeP»P°PrB»).

**P·P·P°C”PjPsPrC-Cḡ P· C-PSCḡPḡPjPḡ P»C-PeP°CḡCḡCHḡPeḡPjPḡ P·P°CḡPsP±P°PjPḡ C,P°
C-PSCḡC- PIPḡPrPḡ PIP·P°C”PjPsPrC-PNḡ**

PμCḡPḡPjC-C,PeP°: PrP»Cḡ PIPḡCḡPIP»PμPSPSCḡ PjPsPḡP»PḡPIPḡC... PIP·P°C”PjPsPrC-PNḡ
CḡP»C-Pr PsP·PSP°PNḡPsPjPḡC,PḡCḡCḡ P· C-PSCḡC,CḡCḡPeC†C-CḡPjPḡ PrP»Cḡ
PjPμPrPḡC†PSPsPḡPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCHḡPeḡC... P·P°CḡPsP±C-PI,
C%Ps P·P°CḡC,PsCḡPsPICḡCḡC,CHḡCḡCḡ CḡCḡPḡCḡC,PSCHḡPs.

PḡPḡP»PḡPI C-PSCḡPḡC... PḡCḡPμPḡP°CḡP°C,C-PI PSP° PḡP°PIC-Cḡ

PμCḡPsPḡPμCḡC,PsPḡPμPSPḡ, PIPeP»CḡC†P°CḡC†Pḡ PrC-C”PSPsPḡPμCḡC,,
PjPμC,P°P±PsP»C-P·CḡCḡC,CHḡCḡCḡ PḡPsP»PsPIPSPḡPj C†PḡPSPsPj CḡPḡCḡC,PμPjPsCḡ
C†PḡC,PsC...CḡPsPjCḡ P 450 3Pḡ4 (CYP3A4), C%Ps CḡPsP·C,P°CḡPsPIP°PSP° Cḡ
CḡP»PḡP·PsPIC-PNḡ PsP±PsP»PsPSC†C- PeḡCḡPμC†PSPḡPeCḡ C,P° PI PḡPμC†C-PSC†C-. PḡPsPjCḡ
C-PSPrCḡPeC,PsCḡPḡ P°P±Ps C-PSPiC-P±C-C,PsCḡPḡ CYP3A4 PjPsPḡCḡC,CHḡ PIPḡP»PḡPIP°C,Pḡ
PSP° PjPμC,P°P±PsP»C-P·Pj PḡCḡPsPḡPμCḡC,PsPḡPμPSCḡ.

P—P±C-P»CHḡCḡPμPSPSCḡ PeP»C-CḡPμPSCḡCḡ CḡC,P°C,PμPIPḡC... PḡPsCḡPjPsPSC-PI
C†PμCḡPμP· C-PSPrCḡPeC†C-Cḡ C,,PμCḡPjPμPSC,C-PI PjPsPḡPμ P·PjPμPSCḡPḡC,Pḡ
C,PμCḡP°PḡPμPIC,PḡC†PSPḡPNḡ PμC,,PμPeC, PḡCḡPμPḡP°CḡP°C,Cḡ PḡP°PIC-Cḡ C-
PḡCḡPḡP·PIPμCḡC,Pḡ PrPs PSpμP±P°PḡP°PSPḡC... PμC,,PμPeC,C-PI, PSP°PḡCḡPḡPeP»P°Pr PrPs
P·PjC-PS C...P°CḡP°PeC,PμCḡCḡ PjPμPSCḡC,CḡCḡP°P»CHḡPSPsC— PeCḡPsPIPsC,PμC†C-.

P—PjPμPSCḡPμPSPSCḡ PeP»C-CḡPμPSCḡCḡ CḡC,P°C,PμPIPḡC... PḡPsCḡPjPsPSC-PI C†PμCḡPμP·
PḡCḡPḡPḡPSC-C†PμPSPSCḡ C,,PμCḡPjPμPSC,Cḡ PjPsPḡPμ P·P±C-P»CHḡCḡPḡC,Pḡ PIPḡP»PḡPI
PrC-C”PSPsPḡPμCḡC,Cḡ C- PḡCḡPḡP·PIPμCḡC,Pḡ PrPs CḡPsP·PIPḡC,PeCḡ PḡPsP±C-C†PSPḡC...
CḡPμP°PeC†C-PNḡ.

P PμC†PsPIPëPSPë, C%Ps PīC-PrPIPëC%CrCĤC,CH PeP»C-CĤPμPSCĠ CĠC,P°C,PμPIPëC...
PiPsCĤPjPsPSC-PI (P·PSPëP¶PμPSPSCĬ PμC,,PμPeC,PëPIPSPSCĠC,C- CëP»CĬC...PsPj
C-PSPrC†PeC†PIP°PSPSCĬ C,,PμCĤPjPμPSC,C-PI), PSP°PīCĤPëPeP»P°Pr: C,,PμPSC-C,PsC-PS,
P±P°CĤP±C-C,C†CĤP°C,Pë, PīCĤPëPjC-PrPsPS, PeP°CĤP±P°PjP°P·PμPīC-PS,
CĤPëC,,P°PjPīC-C†PëPS, P° C,P°PePsP¶, PjPsP¶P»PëPIPs, PsPeCĠPeP°CĤP±P°P·PμPīC-PS,
C,PsPīC-CĤP°PjP°C,, C,,PμP»CHP±P°PjP°C,, PīCĤPëP·PμPsC,,C†P»CHPIC-PS C,P° P·P°CĠPsP±Pë,
C%Ps PjC-CĠC,CĬC,CH P·PIC-CĤPsP±C-PNë (Hypericum perforatum).

P†PSPrC†PeC†C-CĬ C,,PμCĤPjPμPSC,C-PI PjPsP¶Pμ CĠPīPsCĠC,PμCĤC-PiP°C,PëCĠCĬ PIP¶Pμ
PīC-CĠP»CĬ PrPμPeC-P»CHPePsC... PrPSC-PI C,PμCĤP°PīC-C—. PĤP°PeCĠPëPjP°P»CHPSP°
C-PSPrC†PeC†C-CĬ C,,PμCĤPjPμPSC,C-PI P·P°PīP°P»PsPj PIPëCĬPIP»CĬC”C,CHCĠCĬ
C†PμCĤPμP· PrPμPeC-P»CHPeP° C,PëP¶PSC-PI. P†PSPrC†PeC†C-CĬ C,,PμCĤPjPμPSC,C-PI
PjPsP¶Pμ C,CĤPëPIP°C,Pë PrPs 4 C,PëP¶PSC-PI PīC-CĠP»CĬ PīCĤPëPīPëPSPμPSPSCĬ
C,PμCĤP°PīC-C—.

P’PīP»PëPI C-PSPrC†PeC,PsCĤP° CYP 3PĤ4 CĤPëC,,P°PjPīC-C†PëPSC†
PrPsCĠP»C-PrP¶C†PIP°P»Pë C† P·PrPsCĤPsPIPëC... P¶C-PSPsPe C†
PīPsCĠC,PeP»C-PjP°PeC,PμCĤPëC†PSPsPjC† PīPμCĤC-PsPrC-. PĤPrPSPsC†P°CĠPSPμ
P·P°CĠC,PsCĠC†PIP°PSPSCĬ CĤPëC,,P°PjPīC-C†PëPSC† P· C,P°P±P»PμC,PsPIP°PSPsCĤ
C,,PsCĤPjPsCĤ PμCĠC,CĤP°PrC-PsP»C† PIP°P»PμCĤP°C,C† / PrC-C”PSPsPiPμCĠC,C†
PīCĤPëP·PIPμP»Ps PrPs P·PSP°C†PSPsPiPs P·PSPëP¶PμPSPSCĬ CĤC-PIPSPsPIP°P¶PSPsC—
PePsPSC†PμPSC,CĤP°C†C-C— C,P° CĠPëCĠC,PμPjPSPsPiPs PIPīP»PëPIC† PrC-C”PSPsPiPμCĠC,C†
C,P° PμCĠC,CĤP°PrC-PsP»C† C† CĤC-PIPSPsPIP°P¶PSPsPjC† CĠC,P°PSC-, PIPëPjC-CĤCĬPSPëPNë P·P°
AUC (0 bĤ” 24 PiPsPrPëPSPë), P·PjPμPSCëPëPICĠCĬ PSP° 83 % C,P° 44 % PIC-PrPīPsPIC-PrPSPs.

P PμC†PsPIPëPSPë P· CĤC-P·PSPëPj PIPīP»PëPIPsPj PSP° PeP»C-CĤPμPSCĠ CĠC,P°C,PμPIPëC...
PiPsCĤPjPsPSC-PI

PĤPrPSPsC†P°CĠPSPμ P·P°CĠC,PsCĠC†PIP°PSPSCĬ P·C- CĠC,P°C,PμPIPëPjPë
PiPsCĤPjPsPSP°PjPë PIPμP»PëPePsC— PeC-P»CHPePsCĠC,C- PePsPjP±C-PSP°C†C-PNë
C-PSPiC-P±C-C,PsCĤC-PI P’P†P>-PīCĤPsC,PμP°P·Pë C,P°
PSPμPSC†PeP»PμPsP·PëPrPSPëC... C-PSPiC-P±C-C,PsCĤC-PI P·PIPsCĤPsC,PSPsC—
C,CĤP°PSCĠPeCĤPëPīC,P°P·Pë, C† PīPsC”PrPSP°PSPSC- P· PePsPjP±C-PSP°C†C-CĬPjPë
C-PSPiC-P±C-C,PsCĤC-PI PIC-CĤC†CĠC† PīPμPīP°C,PëC,C† PŸ, PjPsP¶Pμ
P·P±C-P»CHCëPëC,Pë P°P±Ps P·PjPμPSCëPëC,Pë CĤC-PIPμPSCĤ
PīCĤPsPiPμCĠC,PëPSC† C† PīP»P°P·PjC- PeCĤPsPIC-. PŸC†PeC†PīPSPëPNë PIPīP»PëPI
C†PëC... P·PjC-PS PjPsP¶Pμ P±C†C,Pë PeP»C-PSC-C†PSPs P·PSP°C†C†C%PëPj C†
PrPμCĬPePëC... PIPëPīP°PrPeP°C....

P PμC†PsPIPëPSPë, C%Ps P·PSPëP¶C†CĤC,CH PeP»C-CĤPμPSCĠ CĠC,P°C,PμPIPëC...
PiPsCĤPjPsPSC-PI (C-PSPiC-P±C-C,PsCĤPë C,,PμCĤPjPμPSC,C-PI).

P”C-C”PSPsPiPμCĠC, C” CĠC†P±CĠC,CĤP°C,PsPj C†PëC,PsC...CĤPsPjC† P450 (CYP) 3A4.

PĤP»C-PSC-C†PSP° P·PSP°C†C†C%C-CĠC,CH PīPsC,PμPSC†C-PNëPSPëC... PIP·P°C”PjPsPrC-PNë
P· C-PSPiC-P±C-C,PsCĤP°PjPë C,,PμCĤPjPμPSC,C-PI P·P°P»PëCëP°C”C,CHCĠCĬ
PSPμPIC-PrPsPjPsCĤ.

PĤPrPSPsC†P°CĠPSPμ P·P°CĠC,PsCĠC†PIP°PSPSCĬ CĠPëP»CHPSPëC...
C-PSPiC-P±C-C,PsCĤC-PI CYP3A4 PjPsP¶Pμ P·P±C-P»CHCëC†PIP°C,Pë PīP»P°P·PjPsPIC-

PePsPSC†PμPSC, CḡP°C†C-C— PrC-C" PSPsPiPμCḡC, Cḡ.

PhPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C-P· CḡPëP»CHPSPëPj
C-PSPIc-P±C-C, PsCḡPsPj C,, PμCḡPjPμPSC, Cḡ CYP3A4 PePμC, PsPePsPSP°P·PsP»PsPj
PïCḡPëP·PIPsPrPëP»Ps PrPs PïC-PrPIPëC%PμPSPSCḡ Cḡ 2,9 CḡP°P·P° AUC (0 бḡ" 24
PiPsPrPëPSPë) PrC-C" PSPsPiPμCḡC, Cḡ Cḡ CḡC-PIPsPSPPIP°PḡPSPsPjCḡ CḡC, P°PSC-.
PhPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ P· PïPsPjC-CḡPSPëPj
C-PSPIc-P±C-C, PsCḡPsPj PμCḡPëC, CḡPsPjC-C†PëPSPsPj PïCḡPëP·PIPsPrPëP»Ps PrPs
PïC-PrPIPëC%PμPSPSCḡ Cḡ 1,6 CḡP°P·P° AUC (0 бḡ" 24 PiPsPrPëPSPë) PrC-C" PSPsPiPμCḡC, Cḡ
Cḡ CḡC-PIPsPSPPIP°PḡPSPsPjCḡ CḡC, P°PSC-.

P·PïP»PëPI PïCḡPμPïP°CḡP°C, Cḡ PŸP°PIC-Cḡ PSP° C-PSC€C- P»C-PeP°CḡCḡCHPeC-
P·P°CḡPsP±Pë

P—P° CḡPμP·CḡP»CHC, P°C, P°PjPë PrPsCḡP»C-PrPḡPμPSCḡ C-PSPIc-P±CḡPIP°PSPSCḡ *in vitro*,
PeP»C-PSC-C†PSPs P·PSP°C†CḡC%P° PIP·P°C" PjPsPrC-Cḡ PrC-C" PSPsPiPμCḡC, Cḡ P·
C-PSC€PëPjPë PïCḡPμPïP°CḡP°C, P°PjPë, PjPμC, P°P±PsP»C-P·Pj CḡPePëC...
PsPïPsCḡPμCḡPμPrPePsPICḡC" C, CHCḡCḡ C,, PμCḡPjPμPSC, P°PjPë C†PëC, PsC...CḡPsPjCḡ P450,
C" PjP°P»PsPNëPjPsPIC-CḡPSPsCḡ.

P·P·P°C" PjPsPrC-Cḡ P· C...P°CḡC†PsPIPëPjPë PïCḡPsPrCḡPeC, P°PjPë

P·PḡPëPIP°PSPSCḡ C—PḡC- P· PIPëCḡPsPePëPj PIPjC-CḡC, PsPj PḡPëCḡC-PI PSPμ
PIPïP»PëPIP°P»Ps PSP° P±C-PsPrPsCḡC, CḡPïPSC-CḡC, CH PïCḡPμPïP°CḡP°C, Cḡ PŸP°PIC-Cḡ.

P>P°P±PsCḡP°C, PsCḡPSC- C, PμCḡC, Pë

PμCḡPëPNëPsPj PïCḡPsPiPμCḡC, PsPiPμPSC-PI PjPsPḡPμ PIPïP»PëPSCḡC, Pë PSP°
CḡPμP·CḡP»CHC, P°C, Pë PrPμCḡPePëC... P»P°P±PsCḡP°C, PsCḡPSPëC... P°PSP°P»C-P·C-PI,
P·PsPeCḡPμPjP° PSP° P±C-PsC...C-PjC-C†PSC- PïP°CḡP°PjPμC, CḡPë PïPμC†C-PSPePë,
C%PëC, PsPIPëPrPSPsC— P·P°P»PsP·Pë, C,, CḡPSPeC†C-C— PSPëCḡPsPe C, P°
PSP°PrPSPëCḡPePsPIPëC... P·P°P»PsP·, CḡC-PIPsC- P±C-P»PeC-PI (PSPsCḡC-C—PI) Cḡ
PïP»P°P·PjC- PeCḡPsPIC- (PSP°PïCḡPëPeP»P°Pr, P" P—Pḡ C, P° C,, CḡP°PeC†C-C— P»C-PïC-PrC-PI
/ P»C-PïPsPïCḡPsC, PμC—PrC-PI), PïP°CḡP°PjPμC, CḡPë PjPμC, P°P±PsP»C-P·PjCḡ
PICḡPiP»PμPIPsPrC-PI C, P° PïPsPeP°P·PSPëPePë PePsP°PiCḡP»CḡC†C-C— C-
C,, C-P±CḡPëPSPsP»C-P·Cḡ. P—PjC-PSPë P·P°P·PIPëC†P°PNë P·P°P»PëC€P°CḡC, CHCḡCḡ Cḡ
PjPμPḡP°C... P»P°P±PsCḡP°C, PsCḡPSPsC— PSPsCḡPjPë.

PhCḡPsP±P»PëPIPsCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡ

P—P°CḡC, PμCḡPμPḡPμPSPSCḡ

PhCḡPeC-P»CHPePë CP°PIC-Cḡ - PïCḡPμPïP°CḡP°C,, C%Ps PjC-CḡC, PëC, CH C, C-P»CHPePë
PïCḡPsPiPμCḡC, PsPiPμPS, PIPIP°PḡP°C" C, CHCḡCḡ C%Ps PsCḡPsP±P»PëPIC-
P·P°CḡC, PμCḡPμPḡPμPSPSCḡ C, P° P·P°C...PsPrPë P±PμP·PïPμPePë C%PsPrPs
P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PïCḡPμPïP°CḡP°C, C-PI, C%Ps PjC-CḡC, CḡC, CH C, C-P»CHPePë
PïCḡPsPiPμCḡC, PsPiPμPS, C, P°PePsPḡ CḡC, PsCḡCḡCḡC, CHCḡCḡ PïCḡPμPïP°CḡP°C, Cḡ
CP°PIC-Cḡ, C...PsC†P° PSPμ PICḡC- P·P°CḡC, PμCḡPμPḡPμPSPSCḡ C, P° P·P°PïPsP±C-PḡPSC-
P·P°C...PsPrPë T'CḡCḡPSC, CḡCḡC, CHCḡCḡ PSP° PIC-PrPïPsPIC-PrPSPëC...
CḡPμP·CḡP»CHC, P°C, P°C... PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrPḡPμPSCḡ C, P°P±P»PμC, PsPe,
CḡPeC- PjC-CḡC, CḡC, CH 2 PjPi PrC-C" PSPsPiPμCḡC, Cḡ.

P±P°C,CHPeC-PI Cr PIC-PrPSPsCfPSPs PjPsP»PsPrPsPjCr PIC-C†C-), PIC-Pe,
PsP¶PëCfC-PSPSC¶, C,CfPëPIP°P»Cr C-PjPjPsP±C-P»C-P·P°C†C-Cf, CfP°PrPëPeP°P»CHPSC-
C...C-CfCfCfPiC-C†PSC- PIC,CfCfCfP°PSPSC¶ P°P±Ps C,CfP°PIPjPë. Pj PIPëPiP°PrPeCr
C,CfPëPIP°P»PsC— C-PjPjPsP±C-P»C-P·P°C†C-C— CfPµPePsPjPµPSPPrCfC”C,CHCfC¶
PiCfPëPiPëPSPëC,Pë P·P°CfC,PsCfCfPIP°PSPSC¶ PiCfPµPiP°CfP°C,Cr CP°PIC-Cf (PiCfPë
PiP»P°PSPsPiPëC... PsPiPµCfP°C†C-C¶C... C%PsPSP°PNëPjPµPSC€Pµ P·P° 4 C,PëP¶PSC- PrPs
C—C— PiCfPsPiPµPrPµPSPSC¶) C- PSPµ PiPsC†PëPSP°C,Pë P·PSPsPICr PNëPsPiPs PiCfPëPNëPsPj
CfP°PSC-C€Pµ PSC-P¶ C†PµCfPµP· 2 C,PëP¶PSC- PiC-CfP»C¶ PiPsPiPSPsC—
CfPµPjPsP±C-P»C-P·P°C†C-C—.

PkPµPsP±C...C-PrPSPs P±CfP°C,Pë PrPs CrPIP°PiPë PiC-PrPIPëC%PµPSPSC¶ CfPëP·PëPeCr
CfPsP·PIPëC,PeCr C,CfPsPjP±PsPµPjP±PsP»C-C— Cr PiC-CfP»C¶PiPsP»PsPiPsPiPsPjCr
PiPµCfC-PsPrC-.

Pj CfP°P·C- PIPëPSPëPePSPµPSPSC¶ CfPëPjPiC,PsPjC-PI PIPµPSPsP·PSPëC... C,P°
P°CfC,PµCfC-P°P»CHPSPëC... C,CfPsPjP±PsC,PëC†PSPëC... P·P°C...PIPsCfCfPIP°PSCf
P°P±Ps PiC-PrPsP·CfPë PSP° PSPëC... P»C-PeCrPIP°PSPSC¶ CfP»C-Pr PiCfPëPiPëPSPëC,Pë.

PµCrC...P»PëPSPë

PµPµC,P°-P°PSP°P»C-P· 54 PµPiC-PrPµPjC-PsP»PsPiC-C†PSPëC... PrPsCfP»C-PrP¶PµPSCf
PIPeP°P·CrC” PSP° PSPµP·PSP°C†PSPµ PiC-PrPIPëC%PµPSPSC¶ PIC-PrPSPsCfPSPsPiPs
CfPëP·PëPeCr (P’P = 1,24) CfPsP·PIPëC,PeCr CfP°PeCr PjPsP»PsC†PSPsC— P·P°P»PsP·Pë Cr
P¶C-PSPsPe, C¶PeC- P·P°CfC,PsCfPsPICrCfC,CH PiPµCfPsCfP°P»CHPSC-
PePsPSC,CfP°C†PµPiC,PëPIPë (PµPµ), PiPsP»PsPiPSPëPj C†PëPSPsPj C,C-, C%Ps
PjC-CfC,C¶C,CH PµCfC,CfPsPiPµPS-PiCfPsPiPµCfC,PsPiPµPS. PiPµPNë
PiC-PrPIPëC%PµPSPëPNë CfPëP·PëPe PiPsCfC,CrPiPsPiPs P·PSPëPeP°C” PiCfPsC,C¶PiPsPj 10
CfPsPeC-PI PiC-CfP»C¶ P·P°PeC-PSC†PµPSPSC¶ PiCfPëPNëPsPjCr PePsPjP±C-PSPsPiP°PSPëC...
PiPµCfPsCfP°P»CHPSPëC... PePsPSC,CfP°C†PµPiC,PëPIC-PI (PµPµPµ). PhCfPeC-P»CHPePë
CfP°Pe PjPsP»PsC†PSPsC— P·P°P»PsP·Pë Cr P¶C-PSPsPe PIC-PePsPj PrPs

40 CfPsPeC-PI PIPëPSPëPeP°C” CfC-PrPePs, P·P±C-P»CHC€PµPSPSC¶ PeC-P»CHPePsCfC,C-
PIPëPiP°PrPeC-PI PrC-P°PiPSPsCfC,PëPePë CfP°PeCr PjPsP»PsC†PSPsC— P·P°P»PsP·Pë Cr
P¶C-PSPsPe, C¶PeC- PIPëPePsCfPëCfC,PsPICrCfC,CH P°P±Ps PSPµC%PsPrP°PIPSPs
PIPëPePsCfPëCfC,PsPICrPIP°P»Pë PµPµPµ, C” PSPµP·PSP°C†PSPëPj C%PsPrPs
P·P°PiP°P»CHPSPsPiPs CfPëP·PëPeCr CfP°PeCr PjPsP»PsC†PSPsC— P·P°P»PsP·Pë. P†CfPSCrC”
PsPrPSP°PePsPiPëPNë CfPëP·PëPe PIPëC¶IP»PµPSPSC¶ CfP°PeCr PjPsP»PsC†PSPsC—
P·P°P»PsP·Pë Cr P¶C-PSPsPe, C¶PeC- PiCfPëPNëPjP°P»Pë PiCfPµPiP°CfP°C,Pë, C%Ps
PjC-CfC,C¶C,CH C,C-P»CHPePë PiCfPsPiPµCfC,PsPiPµPS, P°P±Ps PµPµPµ. PhPrPSP°Pe
C-PSC,,PsCfPjP°C†C-C¶, C%Ps CfC,PsCfCfC”C,CHCfC¶ PiCfPµPiP°CfP°C,C-PI, C¶PeC-
PjC-CfC,C¶C,CH C,C-P»CHPePë PiCfPsPiPµCfC,PsPiPµPS, P±P°P·CrC”C,CHCfC¶ PSP°
PSP°P±P°PiP°C,Ps PjPµPSC€C-PNë PeC-P»CHPePsCfC,C- P¶C-PSPsPe, C¶PeC- C—C...
P·P°CfC,PsCfPsPICrCfC,CH, C- C,PsPjCr PIPsPSP° C” PjPµPSC€ PiPµCfPµPePsPSP»PëPiPsCf,
PSC-P¶ PrP°PSC-, C%Ps CfC,PsCfCfCfC,CHCfC¶ PµPµPµ. P PµP·CrP»CHC,P°C,Pë C†PëC...
PrPsCfP»C-PrP¶PµPSCf PSPµ PSP°PrP°CfC,CH PrPsPeP°P·C-PI C-CfPSCrPIP°PSPSC¶
PiCfPëC†PëPSPSPsPiPs PIP·P°C”PjPsP·PiBh™ C¶P·PeCr. PµC-PrPIPëC%PµPSPSC¶ CfPëP·PëPeCr
PjPsP¶Pµ P±CrC,Pë P·CrPjPsPiP»PµPSPµ C¶Pe P±C-P»CHC€ CfP°PSPSCHPsCf
PrC-P°PiPSPsCfC,PëPePsCf CfP°PeCr PjPsP»PsC†PSPsC— P·P°P»PsP·Pë Cr P¶C-PSPsPe, C¶PeC-
P·P°CfC,PsCfPsPICrCfC,CH PµPµ, C,P°Pe C- P±C-PsP»PsPiC-C†PSPsCf PrC-C”Cf C†PëC...
PiCfPµPiP°CfP°C,C-PI P°P±Ps PiPsC”PrPSP°PSPSC¶Pj PsP±PsC... C,,P°PeC,PsCfC-PI.
P’C-PrP·PSP°C†PµPSPs C,PµPSPPrPµPSC†C-Cf, C%Ps CfP°Pe PjPsP»PsC†PSPsC— P·P°P»PsP·Pë,
PIPëC¶IP»PµPSPëPNë Cr P¶C-PSPsPe, C¶PeC- PePsP»Pë-PSPµP±CrPrCf PiCfPëPNëPjP°P»Pë

РқРл, Рер»С-РSC-С±PSPs РјРлPSC€ PIP€CґP°P¶PлPSP€PN€, PSC-P¶ Cр C,РёC..., C...C,Ps
PSC-РерPsP»Рё PSPл P·P°CґC,PsCґPsPICрPIP°PI РқРл.

PJ PиPsPsPrPёPSPsPePёC... PIPёPiP°PrPeP°C... Cр P¶C-PSPsPe, CлPeC-
P·P°CґC,PsCґPsPICрPIP°P»Рё PiPsCґPјPsPSP°P»CHPSC- CґPлC±PsPIPёPSPё, PiPsPrC-P±PSC-
PrPs C,C-C"С-, C%оPs PјC-CґC,РёC,CH PiCґPлPiP°CґP°C, PҫP°PIC-Cґ,
CґPiPsCґC,РлCґC-PiP°P»РёCґCл PrPsP±CґPsCлPeC-CґPSC-, P° C%оPл CґC-PrC€Pл Bґ"
P·P»PsCлPeC-CґPSC- PiCрC...P»РёPSPё PiPлC±C-PSPePё, CлPeC- PI PsPeCґPлPјPёC...
PIPёPiP°PrPeP°C... PiCґPёP·PiPsPrPёP»Рё PrPs PSPлP±PлP·PiPлC±PSPsC— PrP»Cл P¶PёC,C,Cл
PIPSCрC,CґC-C€PSCHPSC±PлCґPлPIPSPsC— PeCґPsPiPsC,РлC±C-. PJ PIPёPiP°PrPeCр
PIPёPSPёPePSPлPSPSCл CґPeP°CґPi PSP° CґPёP»CHPSPёPN€ P±C-P»CH PI
PлPiC-PiP°CґC,CґP°P»CHPSC-PN€ PrC-P»CлPSCґC-, P·P±C-P»CHC€PлPSPSCл
PiPлC±C-PSPePё P°P±Ps PiPsCлPIPё PsP·PSP°Pe PIPSCрC,CґC-C€PSCHPSC±PлCґPлPIPSPsC—
PeCґPsPiPsC,РлC±C- PiCґPё PrPёC,,PлCґPлPSCґC-PN€PSC-PN€ PrC-P°PiSPsCґC,РёCґC-
CґP»C-Pr PICґP°C...PsPICрPIP°C,Рё PјPsP¶P»РёPIC-CґC,CH PSP°CлIPSPsCґC,C-
PiCрC...P»РёPSPё PiPлC±C-PSPePё Cр P¶C-PSPsPe, CлPeC- PiCґPёPN€PјP°CґC,CH
PrC-C"PSPsPiPлCґC,, C,P°P±P»PлC,PePё PiPs 2 PјPi.

PhCґC,РлPsPiPsCґPsP·

P—PјC-PSPё PјC-PSPлCґP°P»CHPSPsC— C%оC-P»CHPSPsCґC,C- PeC-CґC,PePsPiPsC—
C,PeP°PSPёPSPё (P¶P©PлPҫ).

P—P°CґC,PsCґCрPIP°PSPSCл PrC-C"PSPsPiPлCґC,Cр C,P°P±P»PлC,PsPe 2 PјPi,
PiC-PrP»C-C,PeP°Pј (12 Bґ" <18 CґPsPeC-PI) PiCґPsC,CлPiPsPј PiPлCґC-PsPrCр
P»C-PeCрPIP°PSPSCл 12 PјC-CґCлCґC-PI P°CґPsCґC-CґPIP°P»PsCґCл P·C-
P·PSPёP¶PлPSPSCлPј CґPлCґPлPrPSCHPSPiPs P·PSP°C±PлPSPSCл P¶P©PлPҫ Cр
PiPsPiPлCґPлPePsPiPsPјCр PIC-PrPrC-P»C- C...CґPлP±C,P° (L2 Bґ" L4). PҫPлCґPлPrPSCл
PIC-PrPSPsCґPSP° P·PјC-PSP° P¶P©PлPҫ PIC-Pr PiPsC±P°C,PePsPiPёC... PiPsPeP°P·PSPёPeC-PI
PrPs P·P°PiPлCґC€PлPSPSCл P»C-PeCрPIP°PSPSCл CґC,P°PSPsPiPёP»P° - 1,2 % P·
PrC-P°PiP°P·PsPSPsPј PјC-P¶ Bґ" 6 % C,P° 5 % (P"Pt

95 %: Bґ"1,70 % C,P° Bґ"0,78 %, n=103).

PлPsPIC,PsCґPSPл PIPёPјC-CґCґPIP°PSPSCл C±PлCґPлP· 6 PјC-CґCлCґC-PI PiC-CґP»Cл
P·P°PiPлCґC€PлPSPSCл P»C-PeCрPIP°PSPSCл Cр PiC-PrPiCґCрPiC- P·C- P·PSPёP¶PлPSPёPјPё
P·PSP°C±PлPSPSCлPјPё P¶P©PлPҫ PiPsPeP°P·P°P»Ps C,PлPSPPrPлPSCґC-Cґ PrPs
PIC-PrPSPsPiP»PлPSPSCл (CґPлCґPлPrPSCл PIC-PrPSPsCґPSP° P·PјC-PSP° PIC-Pr
PiPsC±P°C,PePsPiPёC... PiPsPeP°P·PSPёPeC-PI: Bґ"2,3 % PiCґPё P·P°PiPлCґC€PлPSPSC-
P»C-PeCрPIP°PSPSCл C,P° Bґ" 0,6 % C±PлCґPлP· 6 PјC-CґCлCґC-PI PiC-CґP»Cл
P·P°PeC-PSC±PлPSPSCл P»C-PeCрPIP°PSPSCл P· PrC-P°PiP°P·PsPSPsPј PјC-P¶ Bґ"9 % C,P° 6 %
(P"Pt 95 %: Bґ"1,20 % C,P° 0,06 % (n=60)).

PлPsCґCрC€PлPSPSCл P¶P©PлPҫ PјP°C" PsCґPsP±P»РёPiPл P·PSP°C±PлPSPSCл Cр
PiC-PrP»C-C,PePsPiPsPјCр PIC-CґC- C,P° Cр CґP°PSPSC-PN€ PiPлCґC-PsPr CґC,P°C,РлPiPsPiPs
PrPsP·CґC-PIP°PSPSCл, PeCґPёC,РёC±PSPёPN€ PiPлCґC-PsPr CґPsCґC,Cр PeC-CґC,PsPe.
PќPлPIC-PrPsPјPs, C±Pё P·PјPлPSC€PёC,CH PiC-PePsPICр PeC-CґC,PePsPICр PјP°CґCр C,P°
PiC-PrPiPёC%оPёC,CH CґPёP·PёPe PiPлCґPлP»PsPјCр PeC-CґC,PsPe Cр P»C-C,PSCHPSPјCр
PIC-CґC- P·PSPёP¶PлPSPSCл P¶P©PлPҫ Cр CґC-PN€ PiPsPiCрP»CлCґC-С- (PrPёPI.
CґPsP·PrC-P»Рё B«PαP·CґPјP°PePsP»PsPiC-C±PSC- PIP»P°CґC,РёPiPsCґC,C-B» C,P°
B«P"С-C,РёB»).

PJ PiP°C†C-C" PSC,PsPe, CИPeC- P·PSP°C...PsPrCИC,CHCГCИ CГ PiCГCГPiC-
PiC-PrPIPeC%PμPSPsPiPs CГPeP·PePeCГ CГPsP·PIPeC,PeCГ PsCГC,PμPsPiPsCГPsP·CГ,
CГPμC,PμP»CHBPSP° PsC†C-PSPeP° CГPiC-PIPIC-PrPSPsC€PμPSPSCИ CГPeP·PePe /
PePsCГPeCГC,CH PiPsPIPePSPSP° P±CГC,Pe PiCГPsPIPμPrPμPSP° PrPs PiPsC†P°C,PeCГ
P»C-PeCГPIP°PSPSCИ PiCГPμPiP°CГP°C,PsPj PŸP°PIC-CГ, PsCГPeC-P»CHPePe CГC-PIPμPSCH
PμPSPPrPsPiPμPSPSPeC... PμCГC,CГPsPiPμPSC-PI PiPsPjC-CГPSPs P·PSPeP¶CГC" C,CHCГCИ PSP°
C,P»C- P»C-PeCГPIP°PSPSCИ PiCГPμPiP°CГP°C,PsPj PŸP°PIC-CГ (PrPePI. CГPsP·PrC-P»
B«PαP°CГPjP°PePsPrPePSP°PjC-PeP°B»).

PμPμCГPμPr PiPsC†P°C,PePsPj P»C-PeCГPIP°PSPSCИ P»C-PeP°CГCГ CГP»C-Pr P·PIP°P¶PeC,Pe
PiPμCГPμPIP°PiPe P·P°CГC,PsCГCГPIP°PSPSCИ PiCГPμPiP°CГP°C,CГ PŸP°PIC-CГ C,P°
PjPsP¶P»PePIC- CГPeP·PePePe P·P°CГC,PsCГCГPIP°PSPSCИ P№PsPiPs PrP»CИ PePsP¶PSPsPiPs
PsPeCГPμPjPsPiPs PiC-PrP»C-C,PeP°, PICГP°C...PsPICГCГC†Pe C,P°PePsP¶
PSP°CИPIPSC-CГC,CH CГCГC,C,C"PIPeC... C,,P°PeC,PsCГC-PI CГPeP·PePeCГ
PsCГC,PμPsPiPsCГPsP·CГ.

PГPrPμPePIP°C,PSPμ P·P°CГC,PsCГCГPIP°PSPSCИ PeP°P»CHC†C-CГ C,P° PIC-C,P°PjC-PSCГ D
PiCГPe PrC-C" C,PeC†PSPsPjCГ C...P°CГC†CГPIP°PSPSC- P°P±Ps PiCГPe
P·P°CГC,PsCГCГPIP°PSPSC- C...P°CГC†PsPIPeC... PrPsP±P°PIPsPe C" PIP°P¶P»PePIPePj PrP»CИ
P·PrPsCГPsPIPsPiPs CГC,P°PSCГ PeC-CГC,PePsPIPsC— C,PeP°PSPePSPe CГ P¶C-PSPsPe
CГCГC-C... PIC-PePsPIPeC... PeP°C,PμPiPsCГC-C—.

PќPμ CГPiPsCГC,PμCГC-PiP°P»PsCГCИ P·PSPeP¶PμPSPSCИ PњP©PљPŸ CГ PrPsCГPsCГP»PeC...
(PrPePI. CГPsP·PrC-P» B«PαP°CГPjP°PePsPrPePSP°PjC-PeP°B»).

P†PSC€C- CГC,P°PSPe

P—P° CГC,P°PSPsPj PiP°C†C-C" PSC,PsPe C-P· PrPμPiCГPμCГC-C"CH PI P°PSP°PjPSPμP·C-
CГP»C-Pr CГPμC,PμP»CHBPSPs CГPiPsCГC,PμCГC-PiP°C,Pe C- PiCГPePiPePSPeC,Pe
P·P°CГC,PsCГCГPIP°PSPSCИ PiCГPμPiP°CГP°C,CГ PiCГPe CГPsP·PIPeC,PeCГ
PIPeCГP°P¶PμPSPeC... PiCГPsCИPIC-PI PrPμPiCГPμCГC-C—.

P"C-C" PSPsPiPμCГC, P·P°P·PIPeC†P°P№ PSPμ PIPiP»PePIP°C" PSP°
P°CГC,PμCГC-P°P»CHBPSPeP№ C,PeCГPe CГ PSPsCГPjPsC,PμPSP·PePIPSPeC... P¶C-PSPsPe.
PμCГPsC,Pμ, CИPeC%Ps C,CГPePIP°P»P° PeP»C-PSC-C†PSPs PIPeCГP°P¶PμPSP°
PiC-PiPμCГC,PμPSP·C-CИ PIPePSPePeP°C" PiC-Pr C†P°CГ P·P°CГC,PsCГCГPIP°PSPSCИ
PiCГPμPiP°CГP°C,CГ CГPμPePsPjPμPSPPrCГC" C,CHCГCИ PIC-PrPjC-PSPeC,Pe
PiCГPμPiP°CГP°C, PŸP°PIC-CГ C,P° P»C-PeCГPIP°C,Pe PiC-PiPμCГC,PμPSP·C-CГ.

PμCГPe CГPμC†PePrPePIC- C...PsP»PμCГC,P°C,PeC†PSPsC— P¶PsPIC,CИPSPeC†C- C,P°/P°P±Ps
CГPIPμCГP±PμP¶CГ, C%Ps PIPePSPePeP°P»Pe CГ PiPμCГC-PsPr PIP°PiC-C,PSPsCГC,C- P°P±Ps
PiPsPiPμCГPμPrPSCHsPiPs P·P°CГC,PsCГCГPIP°PSPSCИ CГC,P°C,PμPIPeC... PiPsCГPjPsPSC-PI,
P·P°CГC,PsCГCГPIP°PSPSCИ PiCГPμPiP°CГP°C,CГ PŸP°PIC-CГ CГP»C-Pr PiCГPePiPePSPeC,Pe.

P"C-C" PSPsPiPμCГC, PjPsP¶Pμ PjP°C,Pe PSPμP·PSP°C†PSPeP№ PIPiP»PePI PSP°
PiPμCГPeC,,PμCГPeC†PSCГ C-PSCГCГP»C-PSPsCГPμP·PeCГC,PμPSC,PSC-CГC,CH C,P°
C,PsP»PμCГP°PSC,PSC-CГC,CH PrPs PiP»CHPePsP·Pe. P-C-PSPePe, C...PIPsCГC- PSP°
C†CГPeCГPsPIPeP№ PrC-P°P±PμC,, PsCГPsP±P»PePIPs P· PiPμCГC,P°C†C-P№PSPePj
C†CГPeCГPsPIPePj PrC-P°P±PμC,PsPj PI P°PSP°PjPSPμP·C-, PiPsPIPePSPSC-
CГPμC,PμP»CHBPSPs PsP±CГC,PμP¶CГPIP°C,PeCГCИ PiCГPsC,CИPiPsPj
P·P°CГC,PsCГCГPIP°PSPSCИ PiCГPμPiP°CГP°C,CГ PŸP°PIC-CГ.

PŸP°PIC-Ć PSpµ CĤPµPePsPjPµPSPrĆrC"C,ChĆĆCĤ P·P°ĆĆC,PsĆĆPsPICrPIP°C,Pē
PIP°PiC-C,PSPēPj P¶C-PSPeP°Pj, C,PsPjĆr C‰Ps PSpµPjP°C" PiPsC,CĤPµP±Pē P»C-PeĆrPIP°C,Pē
PµPSPrPsPjPµC,CĤC-PsP· Ćr PiPµCĤC-PsPr PIP°PiC-C,PSPsĆĆC,C-.

РμРμСҢС-РsРr РiРsРrСrРiР°РSPSCИ РiСҢСrРrРrСҢ

Р>С-РeСrРiР°РSPSCИ РiСҢСРμРiР°СҢР°С,РsРj РҮР°РiС-Сr Сr РiРμСҢС-РsРr РiРsРrСrРiР°РSPSCИ РiСҢСrРrРrСҢ РSPμ СҢСРμРeРsРjРμРSPrСrС"С,СҢСrСИ.

РkРμРiС-РrРsРjРs, СҢРe РiСҢСРsРSPeРeР°С" РrС-С"РSPsРiРμСrС, Сr РiСҢСrРrРSPμ РjРsР»РsРeРs РiС-РSPeРe. Р"Р°РPSC-, РsС,СҢСРeРjР°РPSC- Сr РiСҢСРsСrРμСrС- РrРsСrР»С-РrРiРμРSCҢ РSP° С,РiР°СҢСРeРSP°С..., РiРeР°Р°СrСҢС,СҢ РSP° РiСҢСРsРSPeРeРSPμРSPSCИ РrС-С"РSPsРiРμСrС,Сr Сr РjРsР»РsРeРs С%СrСҢС-Рi.

РҮР»С-Рr РiСҢСРeРNеРSCИ,Рe СҢС-СeРμРSPSCИ РiСҢСРs РiСҢСРeРiРeРSPμРSPSCИ РiРsРrСrРiР°РSPSCИ РiСҢСrРrРrСҢ Р°Р±Рs РiСҢСРeРiРeРSPμРSPSCИ С,РμСҢР°РiС-С— РiСҢСРμРiР°СҢР°С,РsРj РҮР°РiС-Сr, РiСҢР°С...РsРiСrСҢСҢРe В РeРsСҢСРeСrС,СҢ РiРsРrСrРiР°РSPSCИ РiСҢСrРrРrСҢ РrР»СИ РrРeС,РeРSPe С- РSPμРsР±С...С-РrРSC-СrС,СҢ С,РμСҢР°РiС-С— РrР»СИ РiС-РSPeРe.

РμРμСҢС,РeР»СҢРSC-СrС,СҢ

РkР° РiС-РrСrС,Р°РiС- РSP°СИРiРSPeС... РrР°РSPeС... РjРsРiРSP° СrС,РiРμСҢСРrРiСrРiР°С,Рe, С%Рs РiС-Рr СҢР°Сr Р»С-РeСrРiР°РSPSCИ РiСҢСРμРiР°СҢР°С,РsРj РҮР°РiС-Сr Сr Р±С-Р»СҢСeРsСrС,С- РiР°СrС-С"РPSC,РsРe С-РSPiС-Р±СrС"С,СҢСrСИ РsРiСrР»СИСrС-СИ. РҗРrРSP°Рe РiСҢСРμРiР°СҢР°С, РҮР°РiС-Сr РSPμ С" РiСҢСРsС,РeР°Р°РiР»С-РrРSPeРj Р°Р°СrРsР±РsРj.

РiРeС%Рs РiРsС,СҢС-Р±РSP° РeРsРSC,СҢР°СrРμРiСrС-СИ, СrР»С-Рr РrРsРrР°С,РeРsРiРs Р°Р°СrС,РsСrРsРiСrРiР°С,Рe РSPμРiРsСҢСРjРsРSP°Р»СҢРSPeРNе РjРμС,РsРr Р°Р°РiРsР±С-РiР°РSPSCИ РiР°РiС-С,РSPsСrС,С- (РrРeРi. СҢСРsР°РrС-Р» В«РҮРiРsСrС-Р± Р°Р°СrС,РsСrСrРiР°РSPSCИ С,Р° РrРsР°РeВ»).

РkР° РiС-РrСrС,Р°РiС- РSP°СИРiРSPeС... РrР°РSPeС... РjРsРiРSP° СrС,РiРμСҢСРrРiСrРiР°С,Рe, С%Рs РjРμРSCrС,СҢСrР°Р»СҢРSPeРNе СrРeРeР» РiРsРiРμСҢС,Р°С"С,СҢСrСИ РrРs РSPsСҢСРjРe РiСҢСРsС,СИРiРsРj 2 РjС-СrСИСrС-Рi РiС-СrР»СИ РiСҢСРeРiРeРSPμРSPSCИ Р»С-РeСrРiР°РSPSCИ РrС-С"РSPsРiРμСrС,РsРj, С,Р°Р±Р»РμС,РeР°РjРe 2 РjРi.

Р—РrР°С,РSC-СrС,СҢ РiРiР»РeРiР°С,Рe РSP° СeРiРeРrРeС-СrС,СҢ СҢСРμР°РeСrС-С— РiСҢСРe РeРμСҢСҢРiР°РSPSC- Р°РiС,РsС,СҢСР°РSCrРiРsСҢС,РsРj Р°Р±Рs С-РSCeРeРjРe РjРμС...Р°РPSC-Р°РjР°РjРe. РkРμ СrРiРsСrС,РμСҢС-РiР°Р»Рe РiРiР»РeРiСr РSP° Р°РrР°С,РSC-СrС,СҢ РeРμСҢСrРiР°С,Рe Р°РiС,РsС,СҢСР°РSCrРiРsСҢС,РsРj С,Р° СrРiСҢСРiР»СИ,Рe РjРμС...Р°РPSC-Р°РjР°РjРe Сr РiР°СrС-С"РPSC,РsРe, СИРeС- РiСҢСРeРNеРjР°Р»Рe РiСҢСРμРiР°СҢР°С,Рe, С%Рs РjС-СrС,СИС,СҢ РrС-С"РSPsРiРμСrС,.

РҮРiРsСrС-Р± Р°Р°СrС,РsСrСҢРiР°РSPSCИ С,Р° РrРsР°Рe

РҮРiРsСrС-Р± Р°Р°СrС,РsСrСҢРiР°РSPSCИ

Р"Р»СИ РiРμСҢСРsСҢР»СҢРSPsРiРs Р°Р°СrС,РsСrСrРiР°РSPSCИ.

Р"РsР°РiР°РSPSCИ

$\text{P}\ddot{\text{K}}\text{P}\ddot{\text{u}}\text{P}\ddot{\text{j}}\text{P}^{\circ}\text{C}''$ $\text{P}\P\text{PsPrPSP}\ddot{\text{e}}\text{C}\dots$ $\text{PrP}^{\circ}\text{PSP}\ddot{\text{e}}\text{C}\dots$, $\text{C}\%_{\text{oo}}\text{Ps}$ $\text{C}\acute{\text{I}}\text{P}\text{IC}-\text{PrC}\ddot{\text{z}}\text{P}^{\circ}\text{C},\text{C}\text{H}\text{b}$ $\text{P}\ddot{\text{i}}\text{C}\text{H}\text{Ps}$ $\text{P}\ddot{\text{i}}\text{PsC},\text{C}\text{H}\text{P}\ddot{\text{u}}\text{P}\pm\text{Cr}$ PI
 $\text{PePsC}\text{H}\text{P}\ddot{\text{u}}\text{PeC}\ddot{\text{t}}\text{C}-\text{C}-$ $\text{PrPsP}\cdot\text{P}\ddot{\text{e}}$ $\text{PrP}\gg\text{C}\text{I}\text{I}$ $\text{P}\ddot{\text{I}}\text{P}^{\circ}\text{C}\ddot{\text{t}}\text{C}-\text{C}''\text{PSC},\text{PsPe}$ $\text{P}\cdot$ $\text{PSP}\ddot{\text{e}}\text{C}\text{H}\text{PePsPIP}\text{SC}\text{H}$

PuPuC₇HPuPrPsP·C₂PIP°PSPSCII. P"PsC₇P»C-PrP¶PuPSPSCII PiPsC₇C, C₇HPsC—

C,PsPeCfPëC+PSPsCfC,C-, PïCfPSPiPµPrPµPSC- P· PrC-C"PSPsPiPµCfC,PsPj, PSPµ
 PIPeP°P·CfPIP°P»Pë PSP° CfPëP·PëPe CfPSP·PIPëC,PeCf PiPsCfC,CfPëC... PiPsP±C-C+PSPëC...
 CfPµP°PeC+C-PNë Cr PIPëPiP°PrPeCf PSPµPSP°PIPjPëCfPSPsPiPs PïCfPëPNëPsPjCf
 PeC-P»CHPePsC... PrPsP±PsPIPëC... C,PµCfP°PiPµPIC,PëC+PSPëC... PrPsP· P-PsPrPSPëC...
 CfPiPµC+PëC,,C-C+PSPëC... P°PSC,PëPrPsC,C-PI PSPµ C-CfPSCfC".
 P—P°CfC,PsCfCfPIP°PSPSCfC

20-30 PjPi PrC-C"PSPsPiPµCfC,Cf PSP° PrPsP±Cf (C%Ps Cr 10-15 CfP°P·C-PI PIPëC%Psµ,
 PSC-P¶ PrPsP·P° PI C,P°P±P»PµC,C+C- PïCfPµPiP°CfP°C,Cf CP°PIC-Cf) CfPiCfPSPPrPsPIP¶
 P±C-P»CHCëPµ 24 C,PëP¶PSC-PI PiPµCfPµPSPsCfPëP»PsCfCf PrCfP¶Pµ PrPsP±CfPµ.

PµPsP±C-C+PSC- CfPµP°PeC+C-C—

PµPsP±C-C+PSC- CfPµP°PeC+C-C— PsPiPëCfP°PSPs P·PiC-PrPSPs P· MedDRA.

PµPsP±C-C+PSC- CfPµP°PeC+C-C— PSP°PNëC+P°CfC,C-CëPµ CfPSP·PIPëPIP°CfC,CHCfCfCf
 PïCfPSP,CfPiPsPj PiPµCfCëPëC... PjC-CfCfC+C-PI P·P°CfC,PsCfCfPIP°PSPSCfC
 PïCfPµPiP°CfP°C,Cf C- P·PSPëPeP°CfC,CH Cr PïCfPSPC+PµCfC- P»C-PeCfPIP°PSPSCfC.
 PµPsP¶CfC,CH CfPiPsCfC,PµCfC-PiP°C,PëCfCfCf P·PjC-PSPë C...P°CfP°PeC,PµCfCf
 PeCfPSPiPsC,PµC+, C,P°PeC- CfPe PeCfPSPiPsPjP°P·P°PSPSCfC, PSPµCfPµPiCfP»CfCfPSC-
 PeCfPSPiPsC,PµC+C- P°P±Ps P°PjPµPSPsCfPµCfC.

PµPsPIC-PrPsPjP»CfP»PsCfCfCf PïCfPSP PSPëP¶C+PµP·P°P·PSP°C+PµPSC- PiPsP±C-C+PSC-
 CfPµP°PeC+C-C— PiC-Pr C+P°Cf P»C-PeCfPIP°PSPSCfC PrC-C"PSPsPiPµCfC,PsPj,
 C,P°P±P»PµC,PeP°PjPë 2 PjPi. PµPsP±C-C+PSC- CfPIPëC%P°, PïCfPSP CfPeC-
 PSP°PNëC+P°CfC,C-CëPµ PiPsPIC-PrPsPjP»CfP»Pë PiC-Pr C+P°Cf P·P°CfC,PsCfCfPIP°PSPSCfC
 PïCfPµPiP°CfP°C,Cf, PIPeP»CfC+P°P»Pë PiPsP»PsPIPSPëPNë P±C-P»CH (9,0 %),
 PrPëCfPePsPjC,,PsCfC, Cr PjPsP»PsC+PSPëC... P·P°P»PsP·P°C... (5,4 %),
 PïCfPëPiPSC-C+PµPSPëPNë PSP°CfC,CfC-PNë (5,1 %) C,P° P°PePSPµ (5,1 %).

PµCfC-Pj C,PsPiPs, P·P°CfC,PsCfCfPIP°PSPSCfC PïCfPµPiP°CfP°C,Cf PIPiP»PëPIP°C" PSP°
 C...P°CfP°PeC,PµCfC PjPµPSCfC,CfCfP°P»CHPSPëC... PeCfPSPiPsC,PµC+ Cr
 P±C-P»CHCëPsCfC,C- P¶C-PSPsPe. P¶P°CfP°PeC,PµCfC PjPµPSCfC,CfCfP°P»CHPSPëC...
 PeCfPSPiPsC,PµC+ PsC+C-PSCfPIP°P»Pë CfPëCfC,PµPjP°C,PëC+PSPs P·
 PIPëPePsCfPëCfC,P°PSPSCfPj C%PsPrPµPSPSPëPeC-PI PiP°C+C-C"PSC,PsPe C,P°
 P°PSP°P»C-P·CfPIP°P»Pë C-P· P·P°CfC,PsCfCfPIP°PSPSCfPj PjPµC,PsPrCf P'PhPhP—
 PïCfPSP,CfPiPsPj 90-PrPµPSPSPsPiPs P·PIC-C,PSPsPiPs PiPµCfC-PsPrCf. PµCfPSP,CfPiPsPj
 PiPµCfCëPëC... 90 PrPSC-PI C,PµCfP°PiC-C— PrC-C"PSPsPiPµCfC,PsPj, C,P°P±P»PµC,PeP°PjPë
 2 PjPi, CfPiPsCfC,PµCfC-PiP°P»Pë C,P°PeC- B PeCfPSPiPsC,PµC+C- P·P°
 C...P°CfP°PeC,PµCfPSPj B (n=290; 100 %): P°PjPµPSPsCfPµCfC

(1,7 %), PSPµC+P°CfC,C- PeCfPSPiPsC,PµC+C- (27,2 %), C+P°CfC,C- PeCfPSPiPsC,PµC+C- (13,4
 %), PSPµCfPµPiCfP»CfCfPSC- PeCfPSPiPsC,PµC+C- (35,2 %), C,CfPëPIP°P»C-
 PeCfPSPiPsC,PµC+C- (38,3 %), PSPsCfPjP°P»CHPSP° PjPµPSCfC,CfCfP°P»CHPSP°
 PeCfPSPiPsC,PµC+P°, C,PsP±C,Ps C,P°PeP° C%Ps PSPµ PSP°P»PµP¶PëC,CH PrPs
 B P¶PsPrPSPsC— B C-P· PiPsPiPµCfPµPrPSC-C... PeP°C,PµPiPsCfC-PNë (19,7 %).
 PµCfPSP,CfPiPsPj C+PµC,PIPµCfC,PsPiPs P·PIC-C,PSPsPiPs PiPµCfC-PsPrCf
 CfPiPsCfC,PµCfC-PiP°P»PëCfCfCf C,P°PeC- C...P°CfP°PeC,PµCfPë PeCfPSPiPsC,PµC+ (n=149;
 100 %): P°PjPµPSPsCfPµCfC (28,2 %), PSPµC+P°CfC,C- PeCfPSPiPsC,PµC+C- (24,2 %),
 C+P°CfC,C- PeCfPSPiPsC,PµC+C- (2,7 %), PSPµCfPµPiCfP»CfCfPSC- PeCfPSPiPsC,PµC+C-

(21,5 %), C, C₇H₅P₂PIP^oP»C- PeC₇PsPIP₅C, P_μC₄C- (4,0 %), PSP₅C₇P_jP^oP»CH₅PSP^o P_jP_μPSC₇C, C₇Cr^oP^oP»CH₅PSP^o PeC₇PsPIP₅C, P_μC₄P^o, C, P₅P_±C, P₅ C₇PeP^o PSP_μ PSP^oP»P_μP₇PeC, CH₅ PrPs P₇PsPrPSP₅C— P· P_iPsP_iP_μC₇P_μPrPSC-C... PeP^oC, P_μP_iPsC₇C-PN₂ (22,8 %). P_μC₇Ps P·P_jC-PSP₅ C...P^oC₇H₅P^oPeC, P_μC₇Cr^o P_jP_μPSC₇C, C₇Cr^oP^oP»CH₅PSP₅C... PeC₇PsPIP₅C, P_μC₄ P»P₅C₇PeP_μ C-PSP₅PrC- P_iPsPIC-PrPsP_jP»C₇IP»P₅ C₇IPe P_iPsP_±C-C₄PSC- C₇P_μP^oPeC₄C-C— Cr^o P_iP^oC₄C-C^oPSC, P₅Pe (PrP₅PI. C, P^oP_±P»P₅C₄C P_iPsP_±C-C₄PSP₅C... C₇P_μP^oPeC₄C-PN₂).

P_j C, P^oP_±P»P₅C₄C- 1 P·P^oP·PSP^oC₄P_μPSC- P_iPsP_±C-C₄PSC- C₇P_μP^oPeC₄C-C— B PIC-PrP_iPsPIC-PrPSP₅ PrPs PeP»P^oC₇PeC_μ, C-PeP^oC₄C-C— MedDRA (MedDRA SOCs), P_iC₇Ps C₇IPeC- P_iPsPIC-PrPsP_jP»C₇IP»P₅C₇C₇ P_iC-Pr C₄P^oC₇ P·P^oC₇C, P₅C₇Cr^oPIP^oPSPSC₇ P_iC₇P_μP_iP^oC₇P^oC, P₅P_j C, P^o C—C...PSC₇ C₄P^oC₇C, P₅C, P^o. P_j P_jP_μP₇P^oC... PePsP₇PsP₅C— P_iC₇Cr^oP_iPe P_iPsP_±C-C₄PSC- P_μC_μ, P_μPeC, P₅ P·P^oP·PSP^oC₄P_μPSC- Cr^o P_iPsC₇C₇IP₇PeCr^o P·P_jP_μPSC₇PeP_μPSPSC₇ C₄P^oC₇C, P₅C, P₅: C₄P^oC₇C, C- (≥ 1/100 < 1/10) C- PSP_μC₄P^oC₇C, C- (≥ 1/1000 < 1/100).

P₅P^oC₇C, P₅C, P^o PIP₅P·PSP^oC₄P_μPSP^o PSP^o P_iC-PrC₇C, P^oPIC- P₅P_±Pe^o C^oPrPSP^oPSP₅C... PrP^oPSP₅C... C₄PsC, P₅C₇CH₅PsC... PeP»C-PSC-C₄PSP₅C... PrPsC₇P»C-PrP₇P_μPSCH₅ P· C₇C₄P^oC₇C, C₇ 332 P_iP^oC₄C-C^oPSC, P₅Pe (100 %).

P₅P^oP_±P»P₅C₄C 1

P_μPsP_±C-C₄PSC- C₇P_μP^oPeC₄C-C—, C_μ, P^oP·P^o P₇P₇P₇ PeP»C-PSC-C₄PSP₅C... PrPsC₇P»C-PrP₇P_μPSCH₅, N= 332

P ₅ P ₅ C ₇ C, P _μ P _j Pe PsC ₇ P _i P ^o PSC-PI (MedDRA)	P ₅ P ^o C ₇ C, C-	P ₅ P _μ C ₄ P ^o C ₇ C, C-
P— P _± PsPeCr ^o C ₇ PeC ₇ C, P _μ P _j Pe PeC ₇ PsPIC- C, P ^o P»C-P _j C _μ , P ^o C, P ₅ C ₄ PSP ₅ C— C ₇ PeC ₇ C, P _μ P _j Pe		P ^o PSP _μ P _j C-C ₇
P ₅ P _μ C, P ^o P _± PsP»C-P·P _j C, P ^o P _i PsC ₇ Cr ^o C ₇ PeP _μ PSPSC ₇ PsP _± P _j C-PSC ₇ C ₇ P _μ C ₄ PsPIP ₅ PS	P _i C-PrPIP ₅ C%P _μ PSPSC ₇ P _j P ^o C ₇ Pe C, C-P»P ^o	P·PSP ₅ P ₇ (P _μ PSPSC ₇ P _j P ^o C ₇ Pe C, C-P»P ^o , P _i C-PrPIP ₅ C%P _μ PSP ₅ PN ₂ P ^o P _i P _μ C, P ₅ C,
P _μ C ₇ PeC...C-C ₄ PSC- C ₇ PsP·P»P ^o PrP ₅	P _i C ₇ PeP _i PSC-C ₄ P _μ PSP ₅ PN ₂ PSP ^o C ₇ C, C ₇ C-PN ₂ , P _i PsC ₇ Cr ^o C ₇ PeP _μ PSPSC ₇ C ₇ PSC ₇ , PSP _μ C ₇ PIP ₅ P·PSC-C ₇ C, CH ₅ , P·PSP ₅ P ₇ (P _μ PSPSC ₇ P»C-P _± C-PrPs, P·P _j C-PSP ₅ PSP ^o C ₇ C, C ₇ PsC ₇	P·P ^o PSP _μ P _i PsPePsC ^o PSPSC ₇ , PrP _μ P _i C ₇ P _μ C ₇ C-C ₇ , P»P ^o P _± C-P»CH ₅ PS-C ₇ C, CH ₅ PSP ^o C ₇ C, C ₇ PsC ₇
P— P _± PsPeCr ^o PSP _μ C ₇ PIP ₅ PIP ₅ C— C ₇ PeC ₇ C, P _μ P _j Pe	P _i PsP»PsPIP ₅ PN ₂ P _± C-P»CH ₅ , P _j C-P _i C ₇ P _μ PSCH ₅	P _i PsC ₇ Cr ^o C ₇ PeP _μ PSPSC ₇ PIP _μ P _i P _μ C, P ^o C, P ₅ PIP ₅ PsC— C ₇ P _μ P _i Cr ^o P»C ₇ IC ₇ C-C—, P _i PsC ₇ Cr ^o C ₇ PeP _μ PSPSC ₇ Cr ^o PIP ^o P _i Pe
P— P _± PsPeCr ^o PsC ₇ P _i P ^o PSC-PI P·PsC ₇ Cr ^o		C ₇ Cr ^o C...C-C ₇ C, CH ₅ PsC ₄ P _μ PN ₂
P— P _± PsPeCr ^o PsC ₇ P _i P ^o PSC-PI C ₇ P»Cr ^o C...Cr ^o C, P ^o PIP _μ C ₇ C, P ₅ P _± Cr ^o P»C ₇ IC ₇ PSP ₅ P _i Ps P ^o P _i P ^o C ₇ P ^o C, Cr ^o		PrP·PIC-PS Cr ^o PIC ₇ C...P ^o C...
P— P _± PsPeCr ^o C ₇ P _μ C ₇ C ₇ C ₇		PSP _μ C ₇ P _i P _μ C ₄ PeC _μ , C-C ₄ PSC- C ₄ PeC ₇ PeCr ^o P»C ₇ IC, P ₅ C ₇ PSC- C ₇ PsP·P»P ^o PrP ₅ , P _i PsC ₇ PeP»P _μ PSP _μ C ₇ P _μ C ₇ C ₄ P _μ P _± PeC, C, C ₇
P— P _± PsPeCr ^o C ₇ Cr ^o PrP ₅ PS		P ^o C ₇ C, P _μ C ₇ C-P ^o P»CH ₅ PSP ^o P _i C-P _i PsC, P _μ PSP·C-C ₇

P— P±PsPeCf PrPëC...P°P»CHbPSPsC— CfPëCfC,PµPjPë, PsCfPiP°PSC-PI PiCfCfPrPSPsC— PeP»C-C,PePë C,P° CfPµCfPµPrPsCfC,C-PSPSCf		PrPëCfPiPSPsPµ
P— P±PsPeCf CëP»CfPSPePsPIPs- PePëCëPePsPIPsPiPs C,CfP°PeC,Cf	PSCfPrPsC,P°, P±C-P»CHb Cf P¶PëPIPsC,C-, PjPµC,PµPsCfPëP·Pj, P·PrCfC,C,Cf P¶PëPIPsC,P°, P±P»CHbPIP°PSPSCf	PrC-P°CfPµCf, P·P°PiPsCf, PrPëCfPePsPjC,,PsCfC, Cf C±PµCfPµPIPSC-PNë PiPsCfPsP¶PSPëPSC-, P·P°PiP°P»PµPSPSCf CëP»CfPSPePsPIPs-PePëCëPePsPIPsPiPs C,CfP°PeC,Cf, PiC-PSPiC-PIC-C,
P— P±PsPeCf CëPeC-CfPë C,P° PiC-PrCëPeC-CfPSPsC— PeP»C-C,PePsPIPëPSPë	P°PePSPµ, P°P»PsPiPµC†C-Cf	CfCfC...C-CfC,CHb CëPeC-CfPë, PiC-PiPµCfPiC-PrCfPsP·, CfPIPµCfP±C-P¶, PiC-CfCfCfC,PëP·Pj, PsPSC-C...PsPeP»P°P·C-Cf, P»CfPiP°, PrPµCfPjP°C,PëC,, PiPsCfCfCëPµPSPSCf CfPsCfC,Cf PIPsP»PsCfCfCf, CfPµP°PeC†C-C— C,,PsC,PsC±CfC,P»PëPIPsCfC,C-, P·PjC-PSPë PiC-PiPjPµPSC,P°C†C-C—
P— P±PsPeCf PsPiPsCfPSPs- CfCfC...PsPIPsC— CfPëCfC,PµPjPë C,P° CfPiPsP»CfC±PSPsC— C,PeP°PSPëPSPë	P±C-P»CHb Cf CfPiPëPSC-	P±C-P»CHb Cf PeC-CfC,PeP°C..., PjPëCf C¶P·PsPIC- CfCfPrPsPjPë, P±C-P»CHb Cf PeC-PSC†C-PIPeP°C..., PIC-PrC±CfC,C,Cf C,C¶P¶PePsCfC,C- Cf PeC-PSC†C-PIPeP°C...
P— P±PsPeCf PSPëCfPsPe C,P° CfPµC±PsPIPëPrC-P»CHbPSPsC— CfPëCfC,PµPjPë		C-PSC,,PµPeC†C-Cf CfPµC±PsPIPëPIC-PrPSPëC... CëP»CfC...C-PI
P— P±PsPeCf CfPµPiCfPsPrCfPeC,PëPIPSPsC— CfPëCfC,PµPjPë C,P° PjPsP»PsC±PSPëC... P·P°P»PsP·	PrPëCfPePsPjC,,PsCfC, Cf PjPsP»PsC±PSPëC... P·P°P»PsP·P°C..., PeC-CfC,P° CfCfC»C±PSPëPeC-PI, PiCfPëPiP»PëPIPë, PjP°C,PePsPIC- / PIP°PiC-PSP°P»CHbPSC- PeCfPsPIPsC,PµC±C-, PI C,.,C±. PeCfPsPIPsPjP°P·P°PSPSCf	PIP°PiC-PSP°P»CHbPSPëPNë PeP°PSPrPëPrPsP·, PICfP»CHbPIPsPIP°PiC-PSP°P»CHbPSP° CfCfC...C-CfC,CHb, PIPëPrC-P»PµPSPSCf P·C- CfC,P°C,PµPIPëC... PsCfPiP°PSC-PI, P±C-P»CHb Cf PrC-P»C¶PSC†C- PjP°P»PsPiPs C,P°P·P°, P°C,CfPsC,,C-C±PSPëPNë PICfP»CHbPIPsPIP°PiC-PSC-C,, P·P±C-P»CHbCëPµPSPSCf PjPsP»PsC±PSPëC... P·P°P»PsP·, PeC-CfC,PsP·PSPs-C,,C-P±CfPsP·PSC- P·P°C...PIPsCfCfPIP°PSPSCf PjPsP»PsC±PSPëC... P·P°P»PsP·, PSP°PiCfCfP±P°PSPSCf PjPsP»PsC±PSPëC... P·P°P»PsP·
P— P°PiP°P»CHbPSC- CfPsP·P»P°PrPë C,P° PjC-CfC†PµPIC- CfPµP°PeC†C-C—	P°CfC,PµPSC-C±PSC- CfC,P°PSPë, PrCfP°C,C-PIP»PëPIC-CfC,CHb	PSP°P±CfCfPe

PÿP°PePsP¶ CfPiPsCfC,PµCfC-PiP°P»PëCfCf C,P°PeC- PiPsP±C-C±PSC- CfPµP°PeC†C-C—:
PiPµCfCfPëCfC,PµPSC†C-Cf C,,PsP»C-PeCfP»C-PI, PiC-PrPIPëC%PµPSPSCf P°PiPµC,PëC,Cf,
CfPµP°PeC†C-C— PiC-PiPµCfC±CfC,P»PëPIPsCfC,C-.

P†PSCëC- CfPµCfPNëPsP·PSC- PiPsP±C-C±PSC- CfPµP°PeC†C-C—
CfPiPsCfC,PµCfC-PiP°P»PëCfCf PiC-Pr C±P°Cf P·P°CfC,PsCfCfPIP°PSPSCf
CfC,PµCfPsC—PrPSPëC... CfC,P°C,PµPIPëC... PiPsCfPjPsPSC-PI PiCfPsPiPµCfC,PsPiPµPSC-PI
(PrPëPI. CfPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»):
PIPµPSPsP·PSC- C,P° P°CfC,PµCfC-P°P»CHbPSC- C,CfPsPjP±PsPµPjP±PsP»C-C±PSC-
PiPsCfCfCëPµPSPSCf, P°CfC,PµCfC-P°P»CHbPSP° PiC-PiPµCfC,PµPSP·C-Cf, C-PSC,,P°CfPeC,
PjC-PsPeP°CfPrP°, C-PSCfCfP»CHbC,, PSPsPIPsCfC,PIPsCfPµPSPSCf PjPsP»PsC±PSPëC...

P·P°P»PsP·, PiCfC...P»PëPSPë PiPµC†C-PSPePë, PIC-PrC†CfC,C,C¶ PrPëCfPePsPjC,,PsC¶C,Cf Cf C¶PiPëPSC-, C...P»PsP°P·PjP°, C...PsP»PµCfC,P°C,PëC†PSP° P¶PsPIC,C¶PSPëC†C¶, PsCfC,PµPsPiPsC¶PsP· (PrPëPI. PSPëP¶C†Pµ), P·PjC-PSPë C,PsP»PµC¶P°PSC,PSPsCfC,C- PrPs PiP»C¶PePsP·Pë P°P±Ps PiPiP»PëPI PSP° PiPµC¶PëC,,PµC¶PëC†PSCf C-PSCfCfP»C-PSPsC¶PµP·PëCfC,PµPSC,PSC-CfC,CH.

P—PSPëP¶PµPSPSC¶ PjC-PSPµC¶P°P»CHPSPsC— C%oC-P»CHPSPsCfC,C-
PeC-CfC,PePsPiPsC— C,PeP°PSPëPSPë

Pj PiC¶PsC†PµCfC- PSPµPePsPSC,C¶PsP»CHPsPiP°PSPsPiPs PeP»C-PSC-C†PSPsPiPs PrPsCfP»C-PrP¶PµPSPSC¶ P· CfC†P°CfC,CH 111 PiP°C†C-C°PSC,PsPe PiC-PrP»C-C,PePsPiPsPiPs PIC-PeCf (PIC-PePsPj PIC-Pr 12 PrPs <18 C¶PsPeC-PI), C¶PeC- PsC,C¶PëPjCfPiP°P»Pë C,PµC¶P°PiC-CH PrC-C°PSPsPiPµCfC,PsPj, C,P°P±P»PµC,PeP°PjPë 2 PjPi,

103 PiP°C†C-C°PSC,PeP°Pj PiPëPjC-C¶CHPiP°P»Pë PµP©PµPÿ. PµC¶PëP±P»PëP·PSPs Cf 72 % CfC†P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PµPSPSC¶ C¶PiPsCfC,PµC¶C-PiP°P»PsCfC¶ P·PSPëP¶PµPSPSC¶ PµP©PµPÿ PiPsPiPµC¶PµPePsPiPsPiPs PIC-PrPrC-P»Cf C...C¶PµP±C,P° (L2 б¶” L4) PiC-CfP»C¶ 12 PjC-CfC¶C†C-PI P·P°CfC,PsCfCfPiP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cf (PrPëPI. C¶PsP·PrC-P» B«PhCfPsP±P»PëPiPsCfC,C- P·P°CfC,PsCfCfPiP°PSPSC¶B»).

PµPsPIC-PrPsPjP»PµPSPSC¶ PiC¶Ps PiC-PrPsP·C¶CHPiP°PSC- PiPsP±C-C†PSC-
C¶PµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSC¶ PiC¶Ps PiPsP±C-C†PSC- C¶PµP°PeC†C-C— PiC-CfP»C¶ C¶PµC°CfC,C¶P°C†C-C— P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cf PjP°C° PiP°P¶P»PëPiPµ P·PSP°C†PµPSPSC¶. PiPµ PrP°C° P·PjPsPiCf PiC¶PsPiPsPrPëC,Pë PjPsPSC-C,PsC¶PëPSPi C¶PiC-PIPIC-PrPSPsC¶PµPSPSC¶ PePsC¶PëCfC,CH / C¶PëP·PëPe PiC¶Pë P·P°CfC,PsCfCfPiP°PSPSC- C†CHPsPiPs P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cf. PµPµPrPëC†PSPëPj C,P° C,,P°C¶PjP°C†PµPIC,PëC†PSPëPj PiC¶P°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PiP°C†C-C°PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PiC¶PµPrCfC,P°PIPSPëPeP°Pj C¶P»C-Pr PiPsPIC-PrPsPjP»C¶C,Pë PiC¶Ps CfCfC- PiPëPiP°PrPePë PiC-PrPsP·C¶CHPiP°PSPëC... PiPsP±C-C†PSPëC... C¶PµP°PeC†C-PNë C,P° PIC-PrCfCfC,PSPsCfC,C- PµC,,PµPeC,PëPIPSPsCfC,C- P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cf C†PµC¶PµP· PhPIC,PsPjP°C,PëP·PsPiP°PSCf C-PSC,,PsC¶PjP°C†C-PNëPSCf C¶PëCfC,PµPjCf P· C,,P°C¶PjP°PePsPSP°PiP»C¶PrCf P·P° PiPsCfPëP»P°PSPSC¶Pj: <https://aisf.dec.gov.ua>.

PÿPµC¶PjC-PS PiC¶PëPrP°C,PSPsCfC,C-. 5 C¶PsPeC-PI.

PjPjPsPiPë P·P±PµC¶C-PiP°PSPSC¶. P»C-PeP°C¶CfCHPePëPNë P·P°CfC-P± PSPµ PiPsC,C¶PµP±CfC° C¶PiPµC†C-P°P»CHPSPëC... C,PµPjPiPµC¶P°C,CfC¶PSPëC... CfPjPsPi P·P±PµC¶C-PiP°PSPSC¶. P—P±PµC¶C-PiP°C,Pë PI PsC¶PëPiC-PSP°P»CHPSC-PNë CfPiP°PePsPIC†C- PrP»C¶ P·P°C...PëCfC,Cf PIC-Pr PiPiP»PëPiCf C¶PIC-C,P»P°.

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

PjPiP°PePsPiPeP°. PµPs 14 C,P°P±P»PµC,PsPe Cf P±P»C-CfC,PµC¶C-; PiPs 2 P°P±Ps 6 P±P»C-CfC,PµC¶C-PI Cf PeP°C¶C,PsPSPSC-PNë PePsC¶PsP±C†C-.

РљР°C,РµРiРsСҖC-CП PIC-PrPіCfCfPeCf. P—P° CҖPµC†PµPіC,PsPj.

Р'РёCҖPsP±PSPёPe. P'PҖPҗ B«P“PµPrPµPsPS P C-C...C,PµCҖB», PJPiPsCҖC%PёPSP°.

**РҖC-CfC†PµP·PSP°C...PsPrP¶PµPSPSCП PIPёCҖPsP±PSPёPeP° C,P° P°PrCҖPµCfP°
PjC-CfC†CП PіCҖPsPIP°PrP¶PµPSPSCП P№PsPiPs PrC-CПP»CHPSPsCfC,C-**

Рќ-1103, P'CfPrP°PіPµC€C,, PICfP». P"РµPjCҖPµC—, 19-21, PJPiPsCҖC%PёPSP°.