

P^{TM} PsPiPs P°PSC, PëC...PsP»C-PSPµC₇PiC-C₄PSC- PIP»P°C₇C, PëPIPsC₇C, C-
P·P°P_iPsP±C-PiP°C₇C, C₇ PiPsPIC, PsC₇PSPsPjC₇ P·P°C₇PIPsC”PSPSC₇ C-, PsC, P₁P₁,
C-PSP°PeC, PëPIP°C₇C-C— PSPsC₇P°PrC₇P₁PSP°P»C-PSC₇ C, P° C₇P₁C₇PsC, PsPSC-PSC₇ PSP°
PSPµC₇PIPsPIPëC... C₇P₁C₇P₁PiC, PsC₇P°C..., C%Ps PiPsC, P₁PSC₇C-C₇C” PrC-C₇
PSPsC₇P°PrC₇P₁PSP°P»C-PSC₇ C, P° C₇P₁C₇PsC, PsPSC-PSC₇ C₇ PjPsP·PeC₇. P’ C₇CH₇PsPjC₇
PiPsP»C₇PiP°C” PrC-C₇ P°PjC-C, C₇PëPiC, PëP»C-PSC₇.

P₇P₁C...P°PSC-P·Pj PrC-C— C, P°PePsP₁ PIPeP»C₇C₇P°C” P±P»PsPeC₇PIP°PSPSC₇
C-PsPSPSPëC... PeP°PSP°P»C-PI PSP°C, C₇C-C₇, PeP°P»C-C₇ C, P° N-PjP₁C, PëP»-D-
P°C₇PiP°C₇C, P°C, C₇ (NMDA) PSP° C₇C-PIPSC- C₇P₁PSC, C₇P°P»CH₇PSPsPiPs C, P°
C₇PiPëPSPSPsPiPs PjPsP·PeC₇. P”C-C₇ PSPsC₇P°PrC₇P₁PSP°P»C-PSC₇,
P±P»PsPeC₇PIP°PSPSC₇ PeP°PSP°P»C-PI PSP°C, C₇C-C₇ C, P° NMDA б₇” C₇P₁
PjP₁C...P°PSC-P·PjPë, C₇PeC- P±P₁C₇C₇C, C₇ C₇C₇P°C₇C, C₇ C₇ PiC₇PëPiPSC-C₇P₁PSPSC-
PSPµPIC₇PsPiP°C, PëC₇PSPsPiPs P±PsP»C₇, PiC₇PsC,, C-P»P°PeC, PëC₇C-
C...C₇PsPSC-C₇PSPsPiPs PiPsP»PsPIPsPiPs P±PsP»C₇ PSP°PiC₇C₇PiPë C, P°
PiC₇PsC,, C-P»P°PeC, PëC₇C- PjC-PiC₇P₁PSC-. P—PSPµP±PsP»C₇PIP°P»CH₇PSPëPN₇ P₁C,, P₁PeC,
P°PjC-C, C₇PëPiC, PëP»C-PSC₇ PSPµ PiPsPi’C₇P·P°PSPëPN₇ P· PN₇PsPiPs
P°PSC, PëPrP₁PiC₇P₁C₇PëPIPsPëPjPë PIP»P°C₇C, PëPIPsC₇C, C₇PjPë.

P₇C₇PëC₇PëPeP»C-C₇PSC- P°PSC, PëPrP₁PiC₇P₁C₇P°PSC, Pë PjP°C₇C, C₇ C₇C-P·PSPsPiPs
C₇C, C₇PiP₁PSC₇ C₇PiPsC₇C-PrPSPµPSC-C₇C, C₇ P· PjC₇C₇PeP°C₇PëPSPsPiPëPjPë C-
PiC-C₇C, P°PjC-PSPsPiPëPjPë H₁-C₇P₁C₇P₁PiC, PsC₇P°PjPë.

P₇PSC, PëPrP₁PiC₇P₁C₇PëPIPsPëPN₇ C, P° P°PSP°P»PiP₁C, PëC₇PSPëPN₇ P₁C,, P₁PeC, Pë
P·P°P·PIPëC₇P°PN₇ PiC₇PsC₇PIP»C₇C₇C, C₇C₇C₇ C₇P₁C₇P₁P· 2б₇”4 C, PëP₁PSC-
C, P₁C₇P°PiC-C—, C₇P₁PrP°C, PëPIPsPëPN₇ P₁C,, P₁PeC, PiC₇Pë C₇CH₇PsPjC₇ PSPµ
P·PSPëP₁C₇C, C₇C₇C₇.

$P\alpha P^{\circ}C_7PjP^{\circ}PePsPeC-PSP_{\mu}C, PëPeP^{\circ}.$

**P₇P±C₇PsC₇P±C₇C-C₇. P₁P₁C₇PsC₇P°P»CH₇PSPëPN₇ PiC₇PëPN₇PsPj PiC₇P₁PiP°C₇P°C, C₇ PI C, P°P±P»P₁C, PeP°C...
P·C₇PjPsPIP»C₇C” PrPsC₇C₇PIPsPSPµPSPSC₇ PjP°PeC₇PëPjP°P»CH₇PSPsPiPs C₇C-PIPSC₇ C₇ C₇PëC₇PsPIP°C, C₇C-
PeC₇PsPIC- PiC₇PëP±P»PëP·PSPs C₇P₁C₇P₁P· 4 PiPsPrPëPSPë (t_{max} = 3,89 B± 1,87 PiPsPrPëPSPë; PrC-P°PiP°P·PsPS
1,93б₇”7,98 PiPsPrPëPSPë). P₁C-C₇P»C₇ PiP₁C₇PsC₇P°P»CH₇PSPsPiPs PiC₇PëPN₇PsPjC₇ 50 PjPi C₇P₁C₇P₁PrPSC₇
PIPµP»PëC₇PëPSP° C_{max} = 30,95 B± 9,61 PSI/PjP», PrC-P°PiP°P·PsPS 10,85б₇”45,70 PSI/PjP» (111,57 B± 34,64
PSPjPsP»CH₇/P»; PrC-P°PiP°P·PsPS 39,06б₇”164,52 PSPjPsP»CH₇/P»). P₇P₁C₇P₁PrPSC₇ PIPµP»PëC₇PëPSP°
P°P±C₇PsP»C₇C, PSPsC— PiP₁C₇PsC₇P°P»CH₇PSPsC— P±C-PsPrPsC₇C, C₇PiPSPsC₇C, C- C₇C, P°PSPsPiPëC, C₇ 53 %
(F_{abs} = 0,527 B± 0,123; PrC-P°PiP°P·PsPS 0,219б₇”0,756).**

P PsP·PiPsPrC-P».

PjC₇PIPsPëPN₇ PsP±’C”Pj C₇PsP·PiPsPrC-P»C₇ (Vd) β, PsC₇C-PSPµPSPëPN₇ PiC-C₇P»C₇
PIPSC₇C, C₇C-C₇PSCH₇PsPiPµPSPSPsPiPs PIPiPµPrPµPSPSC₇, C₇C, P°PSPsPiPëC, C₇
1221 P» B± 280 P»; PrC-P°PiP°P·PsPS 769б₇”1702 P» (16 B± 3 P» / PePi).

P—Piб₇”TM C₇P·C₇PIP°PSPSC₇ P· PiC₇PsC, P₁C—PSP°PjPë PiP»P°P·PjPë PeC₇PsPIC-
C₇C, P°PSPsPiPëC, C₇ PiC₇PëP±P»PëP·PSPs 95 %. P₇PjC-C, C₇PëPiC, PëP»C-PS C-
PN₇PsPiPs PsC₇PSPsPiPSPëPN₇ PjP₁C, P°P±PsP»C-C, б₇” PSPsC₇C, C₇PëPiC, PëP»C-PS б₇”
PiC₇PsPSPëPeP°C₇C, C₇ PeC₇C-P·CH₇ PiP»P°C₇P₁PSC, P°C₇PSPëPN₇ P±P°C₇б₇”TM C”C₇.

Pj P₁C-PSPsPe, C₇PeC- PiPsPrC₇C₇C, C₇ PiC₇C₇PrPrC₇, P°PjC-C, C₇PëPiC, PëP»C-PS C-

PSPsC₇C, C₇P₆PiC, P₆P»C-PS PiC₇PsPSP₆PeP°C₇C, C₇ C₇ PSP_μPIP_μP»P₆PeP₆C...
 PeC-P»C₇PePsC₇C, C₇C... C₇ PiC₇C₇PrPSP_μ PjPsP»PsPePs. P₇PiC-PIPIC-PrPSPsC₆P_μPSPSC₇
 PePsPSC₇P_μPSC, C₇P°C₇C-C— C₇ PiC₇C₇PrPSPsPjC₇ PjPsP»PsC₇C- C- C₇P₆C₇PsPIP°C, C₇C-
 PeC₇PsPIC- C₇ P₇C-PSPsPe C₇C, P°PSPsPIP₆C, C₇ 1:1. P PsP·C₇P°C...C₇PSPePsPIP°
 PrPsP±PsPIP° PeC-P»C₇PeC-C₇C, C₇ (P°PjC-C, C₇P₆PiC, P₆P»C-PS
 PSPsC₇C, C₇P₆PiC, P₆P»C-PS), C₇PeC₇ PsC, C₇P₆PjC₇C” PSP_μPjPsPIP»C₇C, C₇C, P°PSPsPIP₆C, C₇
 PiC₇P₆P±P»P₆P·PSPs 2 % PjP°C, P_μC₇P₆PSC₇C₇PePsC— PrPsP·P₆
 P°PjC-C, C₇P₆PiC, P₆P»C-PS C₇, PiP_μC₇P_μC₇P°C...PsPIP°PSPsC— PSP° PjP°C₇C₇ C, C-P»P°
 PrP₆C, P₆PSP₆ (C₇ PjPi/P₆Pi).

P°C-PsC, C₇P°PSC₇C, PsC₇PjP°C₇C-C₇. In vitro PjP_μC, P°P±PsP»C-P·Pj P°PjC-C, C₇P₆PiC, P₆P»C-PS C₇
PIC-PrP±C₇PIP°C”C, C₇C₇C₇ PiP_μC₇P_μPIP°P₇PSPs C₆P»C₇C...PsPj PrP_μPjP_μC, P₆P»C₇PIP°PSPSC₇
(CYP2C19, CYP3A) C, P° PiC-PrC₇PsPeC₇P₆P»C₇PIP°PSPSC₇ (CYP2D6) P· PiPsPrP°P»C₇C₆PsC₇
PePsPSB₇™ C₇PiP°C₇C-C”C₇ P· PiP»C₇PeC₇C₇PsPSPsPSPsC₇ PeP₆C₇P»PsC, PsC₇. P_μC₇P₆ C₇C₇PsPjC₇
PjP_μC, P°P±PsP»C-P·Pj C...P°C₇P°PeC, P_μC₇P₆P·C₇C”C, C₇C₇C₇ PiP_μPSP_μC, P₆C±PSPs
P·C₇PjPsPIP»P_μPSP₆Pj PiPsP»C-PjPsC₇C, C-P·PjPsPj. P₇C₇PSPsPSP₆Pj P°PeC, P₆PiPSP₆Pj
PjP_μC, P°P±PsP»C-C, PsPj C” PIC, PsC₇P₆PSPSP₆P₇ P°PjC-PS PSPsC₇C, C₇P₆PiC, P₆P»C-PS.
P₇PsC₇C, C₇P₆PiC, P₆P»C-PS C₇PIP»C₇C” C₇P₆P±PsC₇ P±C-P»C₇C₆ PiPsC, C₇P₇PSP₆P₇
C-PSPiC-P±C-C, PsC₇ P·P°C...PsPiP»P_μPSPSC₇ PSPsC₇P°PrC₇P_μPSP°P»C-PS C₇, PSC-P₇
C₇P_μC₇PsC, PsPSC-PS C₇, C, PsPrC- C₇Pe P°PjC-C, C₇P₆PiC, P₆P»C-PS PsPrPSP°PePsPIP₆C₇ PjC-C₇PsC₇
C₇C₇PiC-C₆PsPs PiC₇P₆PiPSC-C₇C₇” P·P°C...PsPiP»P_μPSPSC₇ PsP±PsC...
PSP_μP₇C₇PsPjP_μPrC-P°C, PsC₇C-PI. P₇PSC₆C- PjP_μC, P°P±PsP»C-C, P₆ (C₇P₆C₇- C- C, C₇P°PSC₇-10-
PiC-PrC₇PsPeC₇C-P°PjC-C, C₇P₆PiC, P₆P»C-PS, P° C, P°PePsP₇ C₇P₆C₇- C- C, C₇P°PSC₇-10-
PiC-PrC₇PsPeC₇P₆PSPsC₇C, C₇P₆PiC, P₆P»C-PS) C...P°C₇P°PeC, P_μC₇P₆P·C₇C₇C, C₇C₇C₇
PiC₇PsC, C-P»P_μPj, C-PrP_μPSC, P₆C±PSP₆Pj C, P°PePsPjC₇ C₇ PSPsC₇C, C₇P₆PiC, P₆P»C-PS C₇, PiC₇P₆
P·PSP°C±PSPs PjP_μPSC₆C-P₇ C₇P₆P»C- PrC-C—. P”P_μPjP_μC, P₆P»PSPsC₇C, C₇P₆PiC, P₆P»C-PS C, P°
P°PjC-C, C₇P₆PiC, P₆P»C-PS-N-PsPeC₇P₆P₇ PiC₇P₆C₇C₇C, PSC- C₇ PiP»P°P·PjC- PeC₇PsPIC- P»P₆C₆P_μ PI
PSP_μP·PSP°C±PSP₆C... PeC-P»C₇PePsC₇C, C₇C..., PiC₇P₆C±PsPjC₇ PsC₇C, P°PSPSC-P₇ P· PSP₆C...
C₇C-P»PePsPj PiPsP·P±P°PIP»P_μPSP₆P₇ P°PeC, P₆PiPSPsC₇C, C-. PjC₇C- PjP_μC, P°P±PsP»C-C, P₆
PjP°C₇C, C₇ PjP_μPSC₆C₇ P°PSC, P₆C...PsP»C-PS P_μC₇PiC-C±PSC₇ P°PeC, P₆PiPSC-C₇C, C₇
PiPsC₇C-PIPSC₇PsP P· P°PjC-C, C₇P₆PiC, P₆P»C-PS PsPj C- PSPsC₇C, C₇P₆PiC, P₆P»C-PS PsPj. Pj
PiP»P°P·PjC- PrPsPjC-PS C₇C” PI PeC-P»C₇PeC-C₇PSPsPjC₇ PIC-PrPSPsC₆P_μPSPSC- P·P°PiP°P»C₇PSP₆P₇
PIPjC-C₇C, 10-PiC-PrC₇PsPeC₇P₆PSPsC₇C, C₇P₆PiC, P₆P»C-PS C₇, PsPrPSP°Pe P±C-P»C₇C₆C-C₇C, C₇
PjP_μC, P°P±PsP»C-C, C-PI PjC-C₇C, C₇C, C₇C₇C₇ C₇ PePsPSB₇™ C₇PiPsPIP°PSPsPjC₇ C₇C, P°PSC-

P·P»C-PjC-PSP°C₇C-C₇.

P₇P°C₇ PSP°PiC-PIPIP₆PIP_μPrP_μPSPSC₇ (t_{1/2β}) PrP»C₇C P°PjC-C, C₇P₆PiC, P₆P»C-PS C₇
 PiC-C₇P»C₇C PiP_μC₇PsC₇P°P»C₇PSPsPiPs PiC₇P₆P₇PsPjC₇ C₇C, P°PSPsPIP₆C, C₇
 PiC₇P₆P±P»P₆P·PSPs 25 PiPsPrP₆PS (24,65 B± 6,31 PiPsPrP₆PSP₆, PrC-P°PiP°P·PsPS
 16,49B₇”40,36 PiPsPrP₆PSP₆). P₇P_μC₇P_μPrPSC₇ PIP_μP»P₆C±P₆PSP° C₇P₆C₇C, P_μPjPSPsPiPs
 PeP»C-C₇P_μPSC₇C₇ (C₇) C₇C, P°PSPsPIP₆C, C₇ 39,24 B± 10,18 P/Pi, PrC-P°PiP°P·PsPS 24,53B₇”53,73
 P/Pi.

P·PeC₇PeC₇P_μC₇C-C₇ PIC-PrP±C₇PIP°C”C, C₇C₇C₇ PiP_μC₇P_μPIP°P₇PSPs C-P· C₇P_μC±P_μC₇.
 P°P₆PIP_μPrP_μPSPSC₇ P°PjC-C, C₇P₆PiC, P₆P»C-PS C₇ C₇ PSP_μP·PjC-PS P_μPSPsPjC₇ C₇C, P°PSC-
 PSP₆C₇PeP°PjP₆ C” PSP_μP·PSP°C±PSP₆Pj (PiC₇P₆P±P»P₆P·PSPs 2 %).

P₇C, P°P±C-P»C₇PS C- C₇C₇PjP°C₇PS C- C₇C-PIPSC- PIPjC-C₇C, C₇
 P°PjC-C, C₇P₆PiC, P₆P»C-PS C₇ C, P° PSPsC₇C, C₇P₆PiC, P₆P»C-PS C₇ C₇ PiP»P°P·PjC- PeC₇PsPIC-
 PrPsC₇C₇PiP°C₇C, C₇C₇C₇ C₇ P±C-P»C₇C₆PsC₇C, C- PiP°C₇C-C”PSC, C-PI PiC₇PsC, C₇PiPsPj 1
 C, P₆P₇PSC₇. Pj C, P°PePsPjC₇ C₇C, P°PSC- C₇C-PIP_μPS C₇ C₇ PiP»P°P·PjC- PeC₇PsPIC-
 PiC₇P_μPrC₇C, P°PIP»P_μPSP₆P₇ PiC₇PsC, C₇PiPsPj PrPsP±P₆ PiC₇P₆P±P»P₆P·PSPs
 C₇C-PIPSPsC₇ PjC-C₇PsC₇ P°PjC-C, C₇P₆PiC, P₆P»C-PS PsPj C- PSPsC₇C, C₇P₆PiC, P₆P»C-PS PsPj
 PiC-Pr C±P°C₇ P»C-PeC₇PIP°PSPSC₇ P· PIP₆PePsC₇P₆C₇C, P°PSPSC₇Pj P·PIP₆C±P°P₇PSP₆C...

C,P°P±P»PμC,PsPe PīCḡPμPīP°CḡP°C,Cr 3 CḡP°P·Pë PSP° PrPsP±Cḡ.

PμP°C†C-C''PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCž.

PJ PīP°C†C-C''PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr PICḡC,P°PSPsPIP»PμPSPëPNë
C,CḡPëPIP°P»C-CëPëPNë PīPμCḡC-PsPr PSP°PīC-PIIPëPIPμPrPμPSPSCḡ C,P°
P·PSPëPḡPμPSPSCḡ PsCḡP°P»CHbPSPsPiPs (Clo) PeP»C-CḡPμPSCḡCḡ PIPSP°CḡP»C-PrPsPe
PjPμPSCë C-PSC,PμPSCḡPëPIPSPsPiPs PjPμC,P°P±PsP»C-P·PjCḡ.

P—PSPëPḡPμPSPSCḡ C,,CžPSPeC†C-C— PīPμC†C-PSPePë.

PμPsCḡCḡCëPμPSPSCḡ C,,CrPSPeC†C-C— PīPμC†C-PSPePë PjPsPḡPμ P·PjPμPSCëPëC,Pë
PīPμC†C-PSPePsPICḡ PμPeCḡC,CḡP°PeC†C-Cḡ, C%oPs P·CḡPjPsPIP»CḡC'' P±C-P»CHbCë
PIPëCḡPsPePëPNë PIPjC-CḡC, PīCḡPμPīP°CḡP°C,Cḡ Cr PīP»P°P·PjC- PeCḡPsPIC-. PŸP»C-Pr P·
PsP±PμCḡPμPḡPSC-CḡC,Cḡ PīCḡPëP·PSP°C†P°C,Pë PīCḡPμPīP°CḡP°C,Pë PīP°C†C-C''PSC,P°Pj P·
PīPμC†C-PSPePsPIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ.

P—PSPëPḡPμPSPSCḡ C,,CžPSPeC†C-C— PSPëCḡPsPe.

PḡPëCḡPePsPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,CHb PSPμ PIPīP»PëPIP°C'' PSP° PeC-PSPμC,PëPeCḡ
PīCḡPμPīP°CḡP°C,Cḡ.

PμPsP»C-PjPsCḡC,,C-P·Pj.

PḡPμC,P°P±PsP»C-P·Pj PīCḡPμPīP°CḡP°C,Cḡ P·P°P»PμPḡPëC,CHb PIC-Pr
PīPμPSPμC,PëC†PSPsPiPs PīPsP»C-PjPsCḡC,,C-P·PjCḡ (C-P·PsPμPSP·PëPjC-PI CYP2D6 C-
CYP2C19).

PαP°CḡPjP°PePsPeC-PSPμC,PëC†PSPëPNë/C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSPëPNë
P·PIbḡ™ CḡP·PsPe. PŸPμCḡP°PīPμPIC,PëC†PSP° PePsPSC†PμPSC,CḡP°C†C-Cḡ Cr
PīP»P°P·PjC- PeCḡPsPIC- PīCḡPë PIPμP»PëPePëC... PrPμPīCḡPμCḡPëPIPSPëC...
CḡPsP·P»P°PrP°C... CḡC,P°PSPsPIPëC,CHb 80ḡḡ"200 PSPI/PjP» (≈280ḡḡ"700 PSPjPsP»CHb/P»)
(CḡP°P·PsPj PrP»Cḡ P°PjC-C,CḡPëPīC,PëP»C-PSCḡ C- PSPsCḡC,CḡPëPīC,PëP»C-PSCḡ). P C-PIPSC-
PīPsPSP°Pr 300ḡḡ"400 PSPI/PjP» PīPsPIbḡ™ CḡP·P°PSC- P· PīC-PrPIPëC%oPμPSPëPj CḡPëP·PëPePsPj
PīPsCḡCḡCëPμPSPSCḡ PīCḡPsPIC-PrPSPsCḡC,C- CḡPμCḡC†Cḡ Cr PIPëPīP»CḡPrC-
PīPsPrPsPIPḡPμPSPSCḡ PePsPjPīP»PμPeCḡCḡ QRS P°P±Ps Pḡ AV-P±P»PsPeP°PrPë.

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

PμPsPeP°P·P°PSPSCḡ.

P'PμP»PëPePëPNë PrPμPīCḡPμCḡPëPIPSPëPNë CḡPsP·P»P°Pr.

PḡPμPNëCḡPsPīP°C,PëC†PSPëPNë P±C-P»CHb.

РμCḡPsC, PëPīPsPeP°P·P°PSC- PePsPjP±C-PSP°C†C-C—

*P†PSPiC-P±C-C, PsCḡPë PḡPḡPḡ (PSPμC†PμP»PμPeC, PëPIPSC-, P° C, P°PePsPḡ
C†PμP»PμPeC, PëPIPSC- Pḡ [PjPsPeP»PsP±PμPjC-Pr] C- P' [C†PμP»PμPiC-P»C-PS]) Bḡ“
CḡPëP·PëPe C†PμCḡPsC, PsPSC-PSPsPiPsPiPs C†PëPSPrCḡPsPjC† (PrPëPI. CḡPsP·PrC-P»
B«PμCḡPsC, PëPīPsPeP°P·P°PSPSCḡB»).*

РкРμP±P°PḡP°PSC- PePsPjP±C-PSP°C†C-C—

*PŸPëPjPiP°C, PsPjC-PjPμC, PëC‡PSC- P·P°C†PsP±Pë: P°PjC-C, CḡPëPiC, PëP»C-PS P·PrP°C, PSPëPNḡ
PīPsC, PμPSC†C-CḡPIP°C, Pë PeP°CḡPrC-PsPIP°C†PeC†P»CḡCḡPSC- PμC,, PμPeC, Pë
P°PrCḡPμPSP°P»C-PSC†, PμC,, PμPrCḡPëPSC†, C-P·PsPiCḡPμPSP°P»C-PSC†,
PSPsCḡP°PrCḡPμPSP°P»C-PSC†, C,, PμPSC-P»PμC,, CḡPëPSC† C-
C,, PμPSC-P»PiCḡPsPiP°PSPsP»P°PjC-PSC† (CḡPeC-, PjC-C†C, CḡC, CḡC†Cḡ,
PSP°PiCḡPëPeP»P°Pr, C† C†PeP»P°PrC- P°PSPμC†C, PμC, PëPeC-PI PjC-C†C†PμPiPsC— C, P°
P·P°PiP°P»CḡPSPsC— PrC-C— C, P° PSP°P·P°P»CḡPSPëC... PrPμPePsPSPiPμC†C, P°PSC, C-PI).*

*P'P»PsPeP°C, PsCḡPë P°PrCḡPμPSPμCḡPiC-C‡PSPëC... PSPμPNḡCḡPsPSC-PI:
C, CḡPëC†PëPeP»C-C‡PSC- P°PSC, PëPrPμPiCḡPμC†P°PSC, Pë PjPsPḡC†C, Cḡ
PiPμCḡPμCëPePsPrPḡP°C, Pë P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSPëPj PμC,, PμPeC, P°Pj
P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSPëC... P·P°C†PsP±C-PI C†PμPSC, CḡP°P»CḡPSPsC—
PrC-C—, C, P°PePëC... CḡPe PiC†P°PSPμC, PëPrPëPS, P±PμC, P°PSC-PrPëPS, CḡPμP·PμCḡPiC-PS,
PeP»PsPSC-PrPëPS C- PjPμC, PëP»PrPsPīP°. P PμPePsPjPμPSPrC†C”C, CḡC†Cḡ
PiPμCḡPμPiP»CḡPSC†C, Pë C†C†Cḡ C†C... PμPjC† P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSPsC—
C, PμCḡP°PiC-C— PiC-Pr C‡P°C† P»C-PeC†PIP°PSPSCḡ P· PIPëPePsCḡPëC†C, P°PSPSCḡPj
C, CḡPëC†PëPeP»C-C‡PSPëC... P°PSC, PëPrPμPiCḡPμC†P°PSC, C-PI.*

*PḡPSC, PëC... PsP»C-PSPμCḡPiC-C‡PSC- P·P°C†PsP±Pë: C, CḡPëC†PëPeP»C-C‡PSC-
P°PSC, PëPrPμPiCḡPμC†P°PSC, Pë P·PrP°C, PSC- PīPsC, PμPSC†C-CḡPIP°C, Pë PμC,, PμPeC, Pë
C, P°PePëC... P»C-PeP°CḡC†CḡPePëC... P·P°C†PsP±C-PI C†C, PsC†PsPiPSPs PsPeP°,
C†PμPSC, CḡP°P»CḡPSPsC— PSPμCḡPiPsPiPsC— C†PëC†C, PμPjPë, PePëCëPμC‡PSPëPeC† C-
C†PμC‡PsPiPsPiPs PjC-C... C†CḡP°; C†P»C-Pr C†PSPëPeP°C, Pë PsPrPSPsC‡P°C†PSPsPiPs P·
PSPëPjPë P·P°C†C, PsC†C†PIP°PSPSCḡ C‡PμCḡPμP· PiC-PrPiPëC%PμPSPëPNḡ CḡPëP·PëPe
PīP°CḡP°P»C-C, PëC‡PSPsC— PePëCëPePsPiPsC— PSPμPiCḡPsC... C-PrPSPsC†C, C-,
PiC-PiPμCḡPiC-CḡPμPeC†C-C— C, PsC%Ps.*

*P»C-PeP°CḡC†CḡPeC- P·P°C†PsP±Pë, C%Ps C†PiCḡPëC‡PëPSCḡCḡC, Cḡ
PiPsPrPsPiPḡPμPSPSCḡ C-PSC, PμCḡPIP°P»C‡ QT PSP°
PμP»PμPeC, CḡPsPeP°CḡPrC-PsPiCḡP°PjC-, PI C, PsPjC† C‡PëC†P»C-
PiCḡPsC, PëP°CḡPëC, PjC-C‡PSC- PiCḡPμPiP°CḡP°C, Pë, C, P°PeC- CḡPe
C... C-PSC-PrPëPS, P°PSC, PëPiC-C†C, P°PjC-PSPSC- Bḡ“ P°C†C, PμPjC-P·PsP» C, P°
C, PμCḡC,, PμPSP°PrPëPS, PrPμCḡPeC- P°PSC, PëPiC†PëC... PsC, PëC‡PSC- P»C-PePë
(P·PsPeCḡPμPjP° PiC-PjPsP·PëPr C, P° C†PμCḡC, PëPSPrPsP»), C†PëP·P°PiCḡPëPr,
PiP°P»PsC,, P°PSC, CḡPëPS C, P° C†PsC, P°P»PsP», PjPsPḡC†C, Cḡ
P·P±C-P»CḡCëC†PIP°C, Pë C-PjPsPIC-CḡPSC-C†C, Cḡ CëP»C†PSPsC‡PePsPiPëC...
P°CḡPëC, PjC-PNḡ C† CḡP°P·C- PiCḡPëPNḡPsPjC† CḡP°P·PsPj P·
C, CḡPëC†PëPeP»C-C‡PSPëPjPë P°PSC, PëPrPμPiCḡPμC†P°PSC, P°PjPë.
PμPsC, CḡPμP±C†C” PsP±PμCḡPμPḡPSPsC†C, C- PsPrPSPsC‡P°C†PSPμ
P·P°C†C, PsC†C†PIP°PSPSCḡ P°PjC-C, CḡPëPiC, PëP»C-PSC† C, P° PjPμC, P°PrPsPSC†
C‡PμCḡPμP· PjPsPḡP»PëPIC† PrPsPrP°C, PePsPIC† PrC-Cḡ PSP° C-PSC, PμCḡPIP°P» QT*

C,P° PīC-PrPIPēC%PμPSPēPNē CḡPēP·PēPe PIPēPSPēPePSPμPSPSCḡ CḡPμCḡPNēPsP·PSPēC...
CḡPμCḡC†PμPIPs-CḡCḡPrPēPSPSPēC... PīPsPrC-PNē.

PhP±PμCḡPμPḡPSC-CḡC,CH C,P°PePsPḡ CḡPμPePsPjPμPSPPrCḡC”C,CHCḡCḡ PīCḡPē
PsPrPSPSc†P°CḡPSPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- P°PjC-C,CḡPēPīC,PēP»C-PSCḡ C,P°
PrC-CḡCḡPμC,PēPeC-PI, C%Ps CḡPīCḡPēC†PēPSCḡCḡC,CH PīC-PīPsPeP°P»C-C”PjC-Cḡ
(PSP°PīCḡPēPeP»P°Pr, C,,CḡCḡPsCḡPμPjC-Pr).

PȳC-PsCḡPēPrP°P·PēPS: CḡP»C-Pr CḡPSPēPeP°C,Pē PsPrPSPSc†P°CḡPSPsPīPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P°PjC-C,CḡPēPīC,PēP»C-PSCḡ C,P° C,C-PsCḡPēPrP°P·PēPSCḡ
(CḡCḡP±CḡC,CḡP°C, CYP2D6) C†PμCḡPμP· C-PSPiC-P±CḡPIP°PSPSCḡ PjPμC,P°P±PsP»C-P·PjCḡ
C,C-PsCḡPēPrP°P·PēPSCḡ C-, CḡPe PSP°CḡP»C-PrPsPe, PīC-PrPIPēC%PμPSPēPNē CḡPēP·PēPe
CḡPμCḡC†PμPIPēC... PīPsP±C-C†PSPēC... PμC,,PμPeC,C-PI.

PȳCḡP°PjP°PrPsP»: PsPrPSPSc†P°CḡPSPμ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,CḡP°PjP°PrPsP»Cḡ
(CḡCḡP±CḡC,CḡP°C, CYP2D6) C,P° C,CḡPēC†PēPeP»C-C†PSPēC...
P°PSC,PēPrPμPīCḡPμCḡP°PSC,C-PI (TCAs), C,P°PePēC... CḡPe P°PjC-C,CḡPēPīC,PēP»C-PS,
P·P±C-P»CHC€CḡC” CḡPēP·PēPe CḡCḡPrPsPjPSPēC... PSP°PīP°PrC-PI C,P°
CḡPμCḡPsC,PsPSC-PSPsPiPsPīPs CḡPēPSPPrCḡPsPjCḡ. PḡCḡC-Pj C,PsPīPs, C†Cḡ
PePsPjP±C-PSP°C†C-Cḡ PjPsPḡPμ PīCḡPēPīPSC-C†CḡPIP°C,Pē PjPμC,P°P±PsP»C-P·Pj
C,CḡP°PjP°PrPsP»Cḡ PrPs P°PeC,PēPIPSPsPīPs PjPμC,P°P±PsP»C-C,Cḡ.

PμCḡPsC,PēPīCḡPēP±PePsPIC- P·P°CḡPsP±Pē, C,P°PeC- CḡPe C,,P»CḡPePsPSP°P·PsP»
(C-PSPiC-P±C-C,PsCḡ CYP2C9) C- C,PμCḡP±C-PSP°C,,C-PS (C-PSPiC-P±C-C,PsCḡ CYP2D6),
P·CḡPjPsPIP»CḡCḡC,CH P·P±C-P»CHC€PμPSPSCḡ CḡC-PIPSC-PI P°PjC-C,CḡPēPīC,PēP»C-PSCḡ
C,P° PSPsCḡC,CḡPēPīC,PēP»C-PSCḡ PI CḡPēCḡPsPIP°C,C†C- PeCḡPsPIC- C,P°
PIPēCḡP°PḡPμPSC-CḡC,CH CḡCḡPīCḡC,PSCHPsC— C,PsPeCḡPēC†PSPsCḡC,C-.
PȳCḡP°PīP»CḡP»PēCḡCḡ PIPēPīP°PrPePē PSPμPīCḡPēC,PsPjPSPsCḡC,C- C,P° P°CḡPēC,PjC-C—
C,PēPīCḡ torsade de pointes.

PḡPsPjP±C-PSP°C†C-C—, C%Ps PIPēPjP°PīP°CḡC,CH PsCḡPsP±P»PēPIPsC—
PsP±PμCḡPμPḡPSPsCḡC,C-

PȳPμCḡPsC,PsPSC-PSPμCḡPīC-C†PSC- P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pē, C,P°PeC- CḡPe
P±CḡPīCḡPμPSPsCḡC,,C-PS, PsCḡPeC-P»CHPePē PīC-PrPIPēC%CḡC”C,CHCḡCḡ CḡPēP·PēPe
CḡPμCḡPsC,PsPSC-PSPsPiPsPīPs CḡPēPSPPrCḡPsPjCḡ, PīPsC,PμPSC†C-PNēPSPs
PSPμP±PμP·PīPμC†PSPsPīPs PrP»Cḡ PḡPēC,C,Cḡ CḡC,P°PSCḡ (PrPēPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P”PμPīCḡPμCḡP°PSC,Pē PīPḡPȳ: P°PjC-C,CḡPēPīC,PēP»C-PS PjPsPḡPμ PīPsCḡPēP»CḡPIP°C,Pē
CḡPμPrP°C,PēPIPSC- PμC,,PμPeC,Pē P°P»PePsPīPsP»Cḡ, P±P°CḡP±C-C,CḡCḡP°C,C-PI C,P°
C-PSC€PēC... P·P°CḡPsP±C-PI PīCḡPēPīPSC-C†PμPSPSCḡ PīPḡPȳ.

PḡP°CḡPjP°PePsPeC-PSPμC,PēC†PSC- PIP·P°C”PjPsPrC-C—

P’PīP»PēPI C-PSC€PēC... PjPμPrPēPeP°PjPμPSC,PsP·PSPēC... P·P°CḡPsP±C-PI PSP°
C,,P°CḡPjP°PePsPeC-PSPμC,PēPeCḡ P°PjC-C,CḡPēPīC,PēP»C-PSCḡ

PȳCḡPēC†PēPeP»C-C†PSC- P°PSC,PēPrPμPīCḡPμCḡP°PSC,Pē (PȳPȳPḡ), PIPeP»CḡC†P°CḡC†Pē
P°PjC-C,CḡPēPīC,PēP»C-PS, CḡPīPμCḡC€Cḡ PjPμC,P°P±PsP»C-P·CḡCḡC,CHCḡCḡ
C-P·PsPμPSP·PēPjP°PjPē CYP2D6 C,P° CYP2C19 C†PēC,PsC...CḡPsPjCḡ P 450 PīPμC†C-PSPePē,
CḡPeC- C...P°CḡP°PeC,PμCḡPēP·CḡCḡC,CHCḡCḡ PīPsP»C-PjPsCḡC,,C-P·PjPsPj Cḡ

PiPsPiCfP»CjCtC-C—. CYP3A4, CYP1A2 C,P° CYP2C9 бҗ” C-PSC€C- C-P·PsPµPSP·PëPjPë,
P·P°P»CrC†PµPSC- Cr PjPµC,P°P±PsP»C-P·Pj P°PjC-C,CҗPëPiC,PëP»C-PSCr.

P†PSPiC-P±C-C,PsCҗPë CYP2D6: C-P·PsPµPSP·PëPj CYP2D6 PjPsP¶Pµ
PiCҗPëPiPSC-C†CrPIP°C,PëCfCj P±P°PiP°C,CHbPjP° P»C-PeP°CҗCfCHbPePëPjPë
P·P°CfPsP±P°PjPë, PSP°PiCҗPëPeP»P°Pr PSPµPNcҗPsP»PµPiC,PëPeP°PjPë,
C-PSPiC-P±C-C,PsCҗP°PjPë P·PIPsCҗPsC,PSPsPiPs P·P°C...PsPiP»PµPSPSCj
CfPµCҗPsC,PsPSC-PSCr, P±P»PsPeP°C,PsCҗP°PjPë β-P°PrCҗPµPSPsCҗPµC†PµPiC,PsCҗC-PI, P°
C,P°PePsP¶ PiCҗPsC,PëP°CҗPëC,PjC-C†PSPëPjPë P·P°CfPsP±P°PjPë. PµCҗPëPeP»P°PrP°PjPë
CfPëP»CHbPSPëC... C-PSPiC-P±C-C,PsCҗC-PI CYP2D6 C” P±CrPiCҗPsPiC-PsPS,
C,,P»CrPsPeCfPµC,PëPS, PiP°CҗPsPeCfPµC,PëPS C- C...C-PSC-PrPëPS. PjC-
PiCҗPµPiP°CҗP°C,Pë PjPsP¶CrC,CHb PiCҗPëP·PIPµCfC,Pë PrPs C-CfC,PsC,PSPsPiPs
P·PjPµPSC€PµPSPSCj PsP±PjC-PSCr CҗPµC†PsPiPëPS C,P° P·PSP°C†PSPsPiPs
PiC-PrPIPëC%PµPSPSCj PePsPSC†PµPSC,CҗP°C†C-C— PŷPŷPҗ PI PiP»P°P·PjC-. PŷP»C-Pr
PePsPSC,CҗPsP»CҗPIP°C,Pë CҗC-PIPµPSCҗ PePsPSC†PµPSC,CҗP°C†C-C— PŷPŷPҗ PI
PiP»P°P·PjC- Cr CҗP°P·C- PIPIPµPrPµPSPSCj TCA CfPiC-P»CHbPSPs P· C-PSC€PëPj
PiCҗPµPiP°CҗP°C,PsPj, CjPePëPNc, CjPe PIC-PrPsPjPs, C” CfPëP»CHbPSPëPj
C-PSPiC-P±C-C,PsCҗPsPj CYP2D6. PkPµPsP±C...C-PrPSPs PICfC,P°PSPsPiPëC,Pë PrPsP·Cr
P°PjC-C,CҗPëPiC,PëP»C-PSCr. P PµPePsPjPµPSPrCrC”C,CHbCfCj P±CrC,Pë
PsP±PµCҗPµP¶PSPëPjPë Cr CҗP°P·C- PsPrPSPsC†P°CfPSPsPiPs P·P°CfC,PsCfCrPIP°PSPSCj
P°PjC-C,CҗPëPiC,PëP»C-PSCr P· PrCrP»PsPeCfPµC,PëPSPsPj, PiPsPjC-CҗPSPëPj
C-PSPiC-P±C-C,PsCҗPsPj CYP2D6.

P†PSC€C- C-PSPiC-P±C-C,PsCҗPë C†PëC,PsC...CҗPsPjCз P450: C†PëPjPµC,PëPrPëPS C-
PjPµC,PëP»C,,PµPSC-PrP°C,, P° C,P°PePsP¶ PiCҗPµPiP°CҗP°C,Pë P±P»PsPeP°C,PsCҗC-PI
PeP°P»CHbC†C-C”PIPëC... PeP°PSP°P»C-PI (PSP°PiCҗPëPeP»P°Pr PrPëP»C,C-P°P·PµPj C,P°
PIPµCҗP°PiP°PjC-P») PjPsP¶CrC,CHb PiC-PrPIPëC%CrPIP°C,Pë CҗC-PIPSC-
C,CҗPëC†PëPeP»C-C†PSPëC... P°PSC,PëPrPµPiCҗPµCfP°PSC,C-PI Cr PiP»P°P·PjC- PeCҗPsPIC-
C- PIC-PrPiPsPIC-PrPSCr C,PsPeCfPëC†PSC-CfC,CHb.

P†P·PsC,,PµCҗPjPµPSC,Pë CYP3A4 C,P° CYP1A2 PjPµC,P°P±PsP»C-P·CrCҗC,CHb
P°PjC-C,CҗPëPiC,PëP»C-PS PI PjPµPSC€C-PNc PjC-CҗC-. PµCҗPsC,Pµ C,,P»CrPIPsPeCfP°PjC-PS
(CfPëP»CHbPSPëPNc C-PSPiC-P±C-C,PsCҗ CYP1A2) P·P±C-P»CHbC€CrC”
PePsPSC†PµPSC,CҗP°C†C-Cҗ P°PjC-C,CҗPëPiC,PëP»C-PSCr PI PiP»P°P·PjC-, C- C,P°PePsC—
PePsPjP±C-PSP°C†C-C— CfP»C-Pr CrPSPëPeP°C,Pë. PµP»C-PSC-C†PSPs P·PSP°C†PëPjC-
PIP·P°C”PjPsPrC-C— PjPsP¶PSP° PsC†C-PeCrPIP°C,Pë PiCҗPë PsPrPSPsC†P°CfPSPsPjCr
P·P°CfC,PsCfCrPIP°PSPSC- P°PjC-C,CҗPëPiC,PëP»C-PSCr C,P° CfPëP»CHbPSPëC...
C-PSPiC-P±C-C,PsCҗC-PI CYP3A4, C,P°PePëC... CjPe PePµC,PsPePsPSP°P·PsP»,
C-C,CҗP°PePsPSP°P·PsP» C,P° CҗPëC,PsPSP°PIC-Cҗ.

PŷCҗPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPiCҗPµCfP°PSC,Pë C- PSPµPNcҗPsP»PµPiC,PëPePë
PIP·P°C”PjPSPs PiCҗPëPiPSC-C†CrCҗC,CHb PjPµC,P°P±PsP»C-P·Pj PsPrPëPS PsPrPSPsPiPs; C†Pµ
PjPsP¶Pµ PiCҗPëP·PIPµCfC,Pë PrPs P·PSPëP¶PµPSPSCj CfCrPrPsPjPSPsPiPs PiPsCҗPsPiP° C-
PiPsCjPIPë CfCrPrPsPj. PµPsP¶Pµ P±CrC,Pë PSPµPsP±C...C-PrPSPsCҗ PePsCҗPµPeC†C-Cj
PrPsP· P·P°P·PSP°C†PµPSPëC... P»C-PeP°CҗCfCHbPePëC... P·P°CfPsP±C-PI.

P†PSPrCзPeC,PsCҗPë C†PëC,PsC...CҗPsPjCз P450: CҗPëC,,P°PjPiC-C†PëPS, C,,PµPSC-C,PsC—PS,
P±P°CҗP±C-C,CrCҗP°C,Pë, PeP°CҗP±P°PjP°P·PµPiC-PS C,P° PiCҗPµPiP°CҗP°C,Pë
P·PIC-CҗPsP±PsCҗ (*Hypericum perforatum*) PjPsP¶CrC,CHb PiPsCfPëP»CҗPIP°C,Pë
PjPµC,P°P±PsP»C-P·Pj C- C,PëPj CfP°PjPëPj P·CrPjPsPiP»CҗPIP°C,Pë P·PSPëP¶PµPSPSCj
PIPjC-CfC,Cr C,CҗPëC†PëPeP»C-C†PSPëC... P°PSC,PëPrPµPiCҗPµCfP°PSC,C-PI Cr PiP»P°P·PjC-
PeCҗPsPIC- C- P·PjPµPSC€PµPSPSCj P°PSC,PëPrPµPiCҗPµCfP°PSC,PSPsPiPs PµC,,PµPeC,Cr.

*PJ PiCTHPeCTICzC, PSPsCTIC, C- PμC, P°PSPsP»Cz PIC-P»CHbPSC- PiP»P°P·PjPsPIC-
PePsPSC†PμPSC, CTHP°CTC-C— P°PjC-C, CTHPePiC, PeP»C-PSCr C- PePsPSC†PμPSC, CTHP°CTC-C—
PSPsCTHC, CTHPePiC, PeP»C-PSCr P±CrP»Pe P·P±C-P»CHbC€PμPSC-.*

*PμPsPSC†PμPSC, CTHP°CTC-CTH P°PjC-C, CTHPePiC, PeP»C-PSCr Cr PiP»P°P·PjC- PjPsP¶PSP°
P·P±C-P»CHbC€PeC, Pe P·P° PrPsPiPsPjPsPiPsCTH PIP°P»CHbPiCTHPsP°C, Cr PSP°C, CTHC-CTH C-
PIP°P»CHbPiCTHPsPjC-PrCr. PyPsPjCr CTHPμPePsPjPμPSPPrCrC”C, CHbCTIC¶ PeP»C-PSC-C†PSPePNz
PjPsPSC-C, PsCTHPePSPi.*

PhCTIPsP±P»PePIPsCTIC, C- P·P°CTIC, PsCTICzPIP°PSPSC¶.

*PμCTHPe P·P°CTIC, PsCTICrPIP°PSPSC- PIPeCTIPsPePeC... PrPsP· PiCTHPμPiP°CTHP°C, Cr
P·CTHPsCTIC, P°C” C-PjPsPIC-CTHPSC-CTIC, CH CTHPsP·PIPeC, PeCr PiPsCTHCrC€PμPSCb CTHPeC, PjCr
CTPμCTHC†C¶ C- C, C¶P¶PePsC— P°CTHC, PμCTHC-P°P»CHbPSPsC— PiC-PiPsC, PμPSP·C-C—.
P PsP·PIPeC, PsPe C, P°PePeC... CTIC, P°PSC-PI PjPsP¶P»PePIPePNz C, P°PePsP¶ PiCTHPe
P·P°CTIC, PsCTICrPIP°PSPSC- P·PIPeC†P°PNzPSPeC... PrPsP· Cr C...PIPsCTHPeC... P· CrP¶Pμ
PSP°C¶PIPSPePjPe P·P°C...PIPsCTHCPIP°PSPSC¶PjPe CTPμCTHC†C¶.*

PμPsPrPsPIP¶PμPSPSC¶ C-PSC, PμCTHPIP°P»Cr QT.

*PμPsPIC-PrPsPjP»C¶CTHC, CH PiCTHPs PIPePiP°PrPePe PiPsPrPsPIP¶PμPSPSC¶
C-PSC, PμCTHPIP°P»Cr QT C, P° P°CTHPeC, PjC-C— PI PiC-CTP»C¶PsPiPμCTHP°CTC-PNzPSPePNz
PiPμCTHC-PsPr. P— PsP±PμCTHPμP¶PSC-CTIC, CTH P·P°CTIC, PsCTIPsPICrPIP°C, Pe
PiP°CTC-C”PSC, P°Pj P·C- P·PSP°C†PSPsCTH P±CTHP°PrPePeP°CTHPrC-C”CTH, PiP°CTC-C”PSC, P°Pj P·
PrPμPePsPjPiPμPSCrPsPIP°PSPsCTH CTPμCTHC†PμPIPsCTH PSPμPrPsCTIC, P°C, PSC-CTIC, CTH P°P±Ps
PiP°CTC-C”PSC, P°Pj, C¶PeC- PsPrPSPsC†P°CTPSPs PiCTHPePNzPjP°CTHC, CH PiCTHPμPiP°CTHP°C, Pe,
C%Ps PiCTHPsPrPsPIP¶CrCTHC, CH QT. P·P»PμPeC, CTHPsP»C-C, PeC†PSC- CTHPsP·P»P°PrPe
(PiC-PiPsPeP°P»C-C”PjC-C¶, PiC-PiPμCTHPeP°P»C-C”PjC-C¶, PiC-PiPsPjP°PiPSC-C”PjC-C¶),
C¶Pe PIC-PrPsPjPs, C” C,, P°PeC, PsCTHP°PjPe, C%Ps PiC-PrPIPeC%CrCTHC, CH
PiCTHPsP°CTHPeC, PjC-C†PSPePNz CTHPeP·PePe.*

*P—P°CTIC, PsCTICrPIP°PSPSC¶ P°PSPμCTIC, PμC, PePeC-PI PSP° C, P»C- C, PμCTHP°PiC-C— C, CTHPe-
/C, PμC, CTHP°CTPePeP»C-C†PSPePjPe P°PSC, PePrPμPiCTHPμCTHP°PSC, P°PjPe PjPsP¶Pμ
P·P±C-P»CHbC€CrPIP°C, Pe CTHPeP·PePe P°CTHPeC, PjC-PNz C, P° P°CTHC, PμCTHC-P°P»CHbPSPsC—
PiC-PiPsC, PμPSP·C-C—. PμPs PjPsP¶P»PePIPsCTIC, C- PSPμPsP±C...C-PrPSPs
PiCTHPePiPePSPeC, Pe P·P°CTIC, PsCTICrPIP°PSPSC¶ P°PjC-C, CTHPePiC, PeP»C-PSCr P·P°
PrPμPeC-P»CHbPeP° PrC-P± PrPs C...C-CTHCrCTHPiC-C†PSPsPiPs PIC, CTHCrC†P°PSPSC¶. PJ
CTHP°P·C- PSPμPIC-PrPeP»P°PrPSPsPiPs PsPiPμCTHP°C, PePIPsPSPiPs PIC, CTHCrC†P°PSPSC¶
PsP±PsPiPb¶™ C¶P·PePsPIPePj C” C-PSC,, PsCTHPjCrPIP°PSPSC¶ P°PSPμCTIC, PμP·C-PsP»PsPiP°
PiCTHPs P»C-PeCrPIP°PSPSC¶ P°PjC-C, CTHPePiC, PeP»C-PSPsPj.*

*PhCTIPsP±P»PePIP° CrPIP°PiP° PiPsC, CTHC-P±PSP° Cr CTHP°P·C- PiCTHPeP·PSP°C†PμPSPSC¶
P°PjC-C, CTHPePiC, PeP»C-PSCr C...PIPsCTHPePj PSP° PiC-PiPμCTHC, PeCTHPμPsP· P°P±Ps P¶ C, PePj,
C...C, Ps PiCTHPePNzPjP°C” PiCTHPμPiP°CTHP°C, Pe C, PeCTHPμPsC—PrPSPeC... PiPsCTHPjPsPSC-PI,
PsCTIPeC-P»CHbPePe PjPsP¶P»PePIPePNz CTHPsP·PIPeC, PsPe P°CTHPeC, PjC-PNz CTPμCTHC†C¶.*

*PIPIPsCTHC- P»C-C, PSCHbPsPiPs PIC-PeCr PsCTIPsP±P»PePIPs CTIC...PeP»CHbPSC- PrPs
CTHPsP·PIPeC, PeCr PiPsCTIC, CrCTHP°P»CHbPSPsC— PiC-PiPsC, PμPSP·C-C— PiC-Pr C†P°CT
P»C-PeCrPIP°PSPSC¶ P°PjC-C, CTHPePiC, PeP»C-PSPsPj.*

P»C-PeP°CTHCrCTHbPePePNz P·P°CTIC-P± CTP»C-Pr PiCTHPeP·PSP°C†P°C, Pe P·

PsP±PμCḡPμP¶PSC-CÍC,Cḡ C...PIPsCḡPëPj C-P· CÍCíPrPsPjPSPëPjPë CḡPsP·P»P°PrP°PjPë,
P·P°C,CḡPëPjPePsCḡ CÍPμC±C-, PiC-PiPμCḡC,CḡPsC,,C-C"ḡ PiPμCḡPμPrPjC-C...CíCḡPsPIPsC-
P·P°P»PsP·Pë, PiC-PiPμCḡC,PëCḡPμPsP·PsPj, PiCḡPë PSP°C¶PIPSPsCÍC,C-
PiP°CḡP°PSPsC-PrPSPëC... CÍPëPjPiC,PsPjC-PI, P° C,P°PePsP¶ C,C¶P¶PePëC...
P·P°C...PIPsCḡCḡPIP°PSCH PiPμC±C-PSPePë P°P±Ps CÍPμCḡC±PμPIPs-CÍCíPrPëPSPSPsC-
CÍPëCÍC,PμPjPë, *pylorus stenosis* C,P° *paralytic ileus*.

PJ PiP°C±C-C"°PSC,C-PI P· CḡC-PrPeC-CÍPSPëPj CÍC,P°PSPsPj PjP°P»PsC- PiP»PëP±PëPSPë C-
PICíP·CHPePsPiPs PeCíC,P° PiPμCḡPμPrPSCHPsC- PeP°PjPμCḡPë PsPeP° PjPsP¶P»PëPIPμ
PiCḡPsPIPsPeCíPIP°PSPSC¶ PSP°PiP°PrC-PI PiPsCÍC,CḡPsC- PiP»P°CíPePsPjPë
PIPSP°CÍP»C-PrPsPe PrPëP»P°C,P°C±C-C- P·C-PSPëC±C-.

P"°PμPiCḡPμCÍC-C¶ PiPsPIBḡ™ C¶P·P°PSP° P· PiC-PrPIPëC%PμPSPëPj CḡPëP·PëPePsPj
PiPsC¶PIPë CÍCíC-C±PëPrP°P»CHPSPëC... PrCíPjPsPe, CÍP°PjPsPiPsCëPePsPrP¶PμPSPSC¶,
CÍCíC-C±PëPrCí (C,P° PiPsPIBḡ™ C¶P·P°PSPëC... P· PSPëPj PiPsPrC-PNë). PÿP°PePëPNë
CḡPëP·PëPe PjPsP¶Pμ C-CÍPSCíPIP°C,Pë P°P¶ PrPs PrPsCÍC¶PiPSPμPSPSC¶ CÍC,C-PNëPePsC-
CḡPμPjC-CÍC-C-. PhCÍPeC-P»CHPePë PiPsP»C-PiCëPμPSPSC¶ PjPsP¶Pμ PSPμ
PIC-PrP±CíC,PëCÍC¶ PiCḡPsC,C¶PiPsPj PiPμCḡCëPëC... PeC-P»CHPePsC... C,PëP¶PSC-PI
P»C-PeCíPIP°PSPSC¶ P°P±Ps PrPsPICëPμ, PiP°C±C-C"°PSC,Pë PiPsPIPëPSPSC- P±CíC,Pë PiC-Pr
PiPëP»CHPSPëPj PePsPSC,CḡPsP»PμPj, PiPsPePë C,P°PePμ PiPsP»C-PiCëPμPSPSC¶ PSPμ
PIC-PrP±CíPrPμC,CHCÍC¶. P±P· P·P°PiP°P»CHPSPsPiPs PeP»C-PSC-C±PSPsPiPs
PrPsCÍPIC-PrCí PIC-PrPsPjPs, C%Ps CḡPëP·PëPe CÍP°PjPsPiCíP±CÍC,PIP° PjPsP¶Pμ
PiPsCÍPëP»CḡPIP°C,PëCÍC¶ PSP° PiPsC±P°C,PePsPIPëC... PμC,P°PiP°C... PsPrCíP¶P°PSPSC¶.
PμP°C±C-C"°PSC,Pë P· P°PSP°PjPSPμP·PsPj CÍCíC-C±PëPrP°P»CHPSPëC... PiPsPrC-PNë P°P±Ps
P·PSP°C±PSPëPj CÍC,CíPiPμPSPμPj CÍCíC-C±PëPrP°P»CHPSPëC... PrCíPjPsPe PrPs
PiPsC±P°C,PeCí P»C-PeCíPIP°PSPSC¶, C¶Pe PIC-PrPsPjPs, CÍC...PëP»CHPSC- PrPs
P±C-P»CHCëPsPiPs CḡPëP·PëPeCí CÍCíC-C±PëPrCí P°P±Ps CÍPiCḡPsP± CÍCíC-C±PëPrCí C-
PiPsPIPëPSPSC- PiPμCḡPμP±CíPIP°C,Pë PiC-Pr CḡPμC,PμP»CHPSPëPj PSP°PiP»C¶PrPsPj PiC-Pr
C±P°CÍ P»C-PeCíPIP°PSPSC¶. PhPμC,P°P°PSP°P»C-P· PiP»P°C±PμP±Ps-
PePsPSC,CḡPsP»CHPsPIP°PSPëC... PeP»C-PSC-C±PSPëC... PIPIPiCḡPsP±CíPIP°PSCH
P°PSC,PëPrPμPiCḡPμCÍP°PSC,C-PI P·P° CíC±P°CÍC,Cḡ PrPsCḡPsCÍP»PëC...
PiP°C±C-C"°PSC,C-PI C-P· PiCÍPëC...C-C±PSPëPjPë CḡPsP·P»P°PrP°PjPë PiPsPeP°P·P°PI
PiC-PrPIPëC%PμPSPëPNë CḡPëP·PëPe CÍCíC-C±PëPrP°P»CHPSPsC- PiPsPIPμPrC-PSPePë
PiCḡPë P·P°CÍC,PsCÍCíPIP°PSPSC- P°PSC,PëPrPμPiCḡPμCÍP°PSC,C-PI PiPsCḡC-PIPSC¶IPSPs P·
PiP»P°C±PμP±Ps Cí PiP°C±C-C"°PSC,C-PI PIC-PePsPj PrPs 25 CḡPsPeC-PI. PJPIP°P¶PSPëPNë
PSP°PiP»C¶Pr P·P° PiP°C±C-C"°PSC,P°PjPë C-, P·PsPeCḡPμPjP° P·P° C,PëPjPë, C...C,Ps PjP°C"
PIPëCÍPsPePëPNë CḡPëP·PëPe CÍCíC-C±PëPrP°P»CHPSPsC- PiPsPIPμPrC-PSPePë,
PiPsPIPëPSPμPS CÍCíPiCḡPsPIPsPrP¶CíPIP°C,Pë C,PμCḡP°PiC-Cḡ PiCḡPμPiP°CḡP°C,PsPj,
PsCÍPsP±P»PëPIPs PSP° PiPsC±P°C,PeCí P»C-PeCíPIP°PSPSC¶ C,P° PiC-CÍP»C¶ P·PjC-PSPe
PrPsP·Pë. PμP°C±C-C"°PSC,Pë (C- PiC-PeP»CíPIP°P»CHPSPëPePë) PiPsPIPëPSPSC- P±CíC,Pë
PiPsPiPμCḡPμPrP¶PμPSC- PiCḡPs PSPμPsP±C...C-PrPSC-CÍC,CH PjPsPSC-C,PsCḡPëPSPiCí
C%PsPrPs P±CíPrCH-C¶PePsPiPs PeP»C-PSC-C±PSPsPiPs PiPsPiC-CḡCëPμPSPSC¶,
CÍCíC-C±PëPrP°P»CHPSPsC- PiPsPIPμPrC-PSPePë, PrCíPjPsPe C- PSPμP·PIPëC±P°PNëPSPëC...
P·PjC-PS Cí PiPsPIPμPrC-PSC±C- C,P° P·PIPμCḡPSPμPSPSC¶ P·P° PjPμPrPëC±PSPsCḡ
PrPsPiPsPjPsPiPsCḡ, C¶PeC%Ps C±C- CÍPëPjPiC,PsPjPë PiCḡPëCÍCíC,PSC-.

PJ C...PIPsCḡPëC..., C¶PeC- CÍC,CḡP°P¶PrP°CḡC,CH PSP° PjP°PSC-P°PeP°P»CHPSPs-
PrPμPiCḡPμCÍPëPIPSC- CḡPsP·P»P°PrPë, PjPsP¶P»PëPIPëPNë PiPμCḡPμC...C-Pr
P·P°C...PIPsCḡCḡPIP°PSPSC¶ PrPs PjP°PSC-P°PeP°P»CHPSPsC- C,,P°P·Pë; P· PjPsPjPμPSC,Cí
PiPsC±P°C,PeCí PjP°PSC-P°PeP°P»CHPSPsC- C,,P°P·Pë P·P°C...PIPsCḡCḡPIP°PSPSC¶
PSPμPsP±C...C-PrPSPs PiCḡPëPiPëPSPëC,Pë C,PμCḡP°PiC-Cḡ P°PjC-C,CḡPëPiC,PëP»C-PSPsPj.

PhPrPSPsC†P°CÍPSPèPNè PìCĤPèPNèPsPj C,CĤPèC†PèPeP»C-C†PSPèC...
P°PSC,PèPrPµPìCĤPµCÍP°PSC,C-PI,PIPeP»CĤC†P°CĤC†Pè P°PjC-C,CĤPèPìC,PèP»C-PS C,P°
C-PSCèC- CÍPµCĤPµC,PµPSC-PSPµCĤPµC-C†PSC- P·P°CÍPsP±Pè, C,P°PeC- CÍPe
C-PSPiC-P±C-C,PµCĤPè PĥPĥPh (PrPèPI. CĤPsP·PrC-P» B«PµCĤPµC,PèPìPsPeP°P·P°PSPSCÍB»),
C,CĤP°PjP°PrPsP» P°P±Ps P±CíPìCĤPµPSPsCĤC,,C-PS, PjPsP¶Pµ PìCĤPèP·PIPµCÍC,Pè PrPs
CÍPµCĤPµC,PµPSC-PSPsPIPsPiPs CÍPèPSPPrCĤPµPjCí, PìPsC,PµPSC†C-PNèPSPs
PSPµP±PµP·PìPµC†PSPsPiPs PrP»CÍ P¶PèC,C,CÍ CÍC,P°PSCí (PrPèPI. CĤPsP·PrC-P»
B«P°P·P°C°PjPsPrC-CÍ P· C-PSCèPèPjPè P»C-PeP°CĤCÍChPePèPjPè P·P°CÍPsP±P°PjPè C,P°
C-PSCèC- C,,PµCĤPjPè PIP·P°C°PjPsPrC-PNèB»).

PŸPëPjPiC,PsPjPë CÍPµCĤPsC,PsPSC-PSPsPIPsPiPs CÍPëPSPrCĤPsPjCr PjPsP¶CrC,Ch
PIPeP»CĤC±P°C,Pë P·PjC-PSPe PíCÍPëC...C-C±PSPsPiPs CÍC,P°PSCr, PIPµPiPµC,P°C,PëPIPSCr
PSPµCÍC,P°P±C-P»ChPSC-CÍC,Ch, PSPµCĤPIPsPIPs-Pj'CĤP·PsPIC- PiPsCĤCrC€PµPSPSCĤ
C,P°/P°P±Ps C€P»CrPSPePsPIPs-PePëC€PePsPIC- CÍPëPjPiC,PsPjPë.

PĭPe C- C-PSC€C- PĭCĭPēC...PsC, CĭPpSpĭPSC- P·P°CĭPsP±Pē, P°PjC-C, CĭPēPēPĭC, PēP»C-PS
 P·PrP°C, PSPēPm P·PjC-PS CĭPIP°C, Pē C±CĭC, P»PēPIC-CĭC, Cĭ PsCĭPĭP°PSC-P·PjCĭ PrPs
 C-PS CĭCĭP»C-PSCĭ C- PĭP»CĭPePsP·Pē, C%oPs PĭPsC, CĭPpP±CĭC” PePsCĭPpPeCĭC-C—
 PĭCĭPsC, PēPrC-P°P±PpC, PēC±PSPsC— C, PpCĭP°PĭC-C— Cĭ C...PIPpCĭPēC... PSP°
 CĭCĭPeCĭPsPIPēPm PrC-P°P±PpC,; PeCĭC-Pj C, PsPĭPs, PrPpPĭCĭPpCĭPēPIPSPp
 P·P°C...PIPpCĭCĭPIP°PSPSCĭ, PIP»P°CĭPSPp, PjPsP¶Pp PĭCĭPsCĭPIP»CĭC, PēCĭCĭ
 P·PjC-PSP°PjPē P±P°P»P°PSCĭCĭ PĭP»CĭPePsP·Pē Pĭ PsCĭPĭP°PSC-P·PjC- PĭP°CĭC-C”PSC, P°.

P·P°P̄iC,PsPIPμ P̄iCḡP̄ēPiP̄ēPSPμPSPSCḡ C,PμCḡP°P̄iC-C— P̄iC-CḡP»Cḡ C,CḡP̄ēPIP°P»PsPiPs
P»C-PeCḡPIP°PSPSCḡ P·PrP°C,PSPμ CḡP̄iCḡP̄ēC‡P̄ēPSPēC,Pē CḡP̄ēPjP̄iC,PsPjP̄ē PIC-PrPjC-PSPe
Cḡ PIP̄ēPiP»CḡPrC- PiPsP»PsPIPSPsPiPs P±PsP»Cḡ, PSPμP·PrCḡP¶P°PSPSCḡ,
P±PμP·CḡPsPSPSCḡ C- PrCḡP°C,C-PIP»P̄ēPIPsCḡC,C-. PḡP°PeC- CḡP̄ēPjP̄iC,PsPjP̄ē PSPμ C"
PsP·PSP°PeP°PjP̄ē PjPuPrP̄ēPeP°PjPuPSC,PsP·PSPsC— P·P°P»PμP¶PSPsCḡC,C-.

PkC-C#PSPëPNë PµPSCžCḡPµP.

P•PḡP“ PīPsC,CḡC-P±PSPs PīCḡPsPIPµCÍC,Pë PrPs PīPsC‡P°C,PeCf C,PµCḡP°PīC-C—
P°PjC-C,CḡPëPīC,PëP»C-PSPsPj, C%PsP± PIPëPeP»CḡC‡PëC,Pë CÍPëPSPrCḡPsPj
PīPsPrPsPIP¶PµPSPSCḡ C-PSC,PµCḡPIP°P»Cf QT.

PḡPjC-C,CḡPëPīC,PëP»C-PS, C%Ps P•P°CÍC,PsCÍPsPICfC”C,CHCÍCḡ PīCḡPë PµPSCfCḡPµP•C-,
PSPµ PīPsPIPëPSPµPS PīPsC”PrPSCfPIP°C,PëCÍCḡ P• P°PSC,PëC...PsP»C-PSPµCḡPīC-C‡PSPëPj
PīCḡPµPīP°CḡP°C,PsPj.

PŸCfC—C‡PëPrP°P»CHPSC- PrCfPjPePë C,P° PīPsPIPµPrC-PSPeP° C,P°PePsP¶ PjPsP¶CfC,CH
CḡPsP•PIPëPIP°C,PëCÍCḡ PīC-Pr C‡P°CÍ CḡP°PSPSCHPsPiPs P»C-PeCfPIP°PSPSCḡ
P°PSC,PëPrPµPīCḡPµCÍP°PSC,P°PjPë C-PSCëPëC... CḡPsP•P»P°PrC-PI, PeCḡC-Pj
PrPµPīCḡPµCÍC-C—. PŸPsPjCf CÍP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCÍCḡ C,PëC... CÍP°PjPëC...
P•P°C...PsPrC-PI PsP±PµCḡPµP¶PSPsCÍC,C- PīCḡPë P»C-PeCfPIP°PSPSC- CḡPe C...PIPSCḡPëC...
PSP° PrPµPīCḡPµCÍC-Cḡ, C,P°Pe C- PīCḡPë P»C-PeCfPIP°PSPSC- C...PIPSCḡPëC... PSP°
PµPSCfCḡPµP•.

P”C-C,Pë

P”PsPIPiPsCÍC,CḡPsPePsPIC- PrP°PSC- P• P±PµP•PīPµPePë CÍC,PsCÍPsPIPSPs CḡPsCÍC,Cf,
CÍC,P°C,PµPiPsPiPs PrPsP•CḡC-PIP°PSPSCḡ, PePsPiPSC-C,PëPIPSPsPiPs C,P°
PīPsPIPµPrC-PSPePsPiPsPiPs CḡPsP•PIPëC,PeCf PrC-C,PµPNë C,P° PīC-PrP»C-C,PeC-PI
PIC-PrCÍCfC,PSC-.

P”PsPīPsPjC-P¶PSC- CḡPµC‡PsPIPëPSPë:

C,P°P±P»PµC,PePë PīCḡPµPīP°CḡP°C,Cf PjC-CÍC,CḡC,CH Cf CÍPIPsC”PjCf
CÍPeP»P°PrC- PjPsPSPsPiC-PrCḡP°C, P»P°PeC,PsP•Pë. PÍPIPsCḡPëPj PSP°
CḡC-PrPeC-CÍPSC- CÍPīP°PrPePsPIC- PīPsCḡCfCëPµPSPSCḡ Cf PIPëPiP»CḡPrC-
C‡CfC,P»PëPIPsCÍC,C- PrPs PīP°P»P°PeC,PsP•Pë, PSPµPrPsCÍC,P°C,PSPsCÍC,C-
P»P°PeC,P°P•Pë P°P±Ps P¶ PjP°P»CHP°P±CÍPsCḡP±C‡C-C— PīP»CHPePsP•Pë-
PīP°P»P°PeC,PsP•Pë PSPµ CÍP»C-Pr PīCḡPëPNëPjP°C,Pë C‡PµPNë
P»C-PeP°CḡCÍCHPePëPNë P•P°CÍC-P±.

***P—P°CÍC,PsCÍCžPIP°PSPSCḡ Cž PīPµCḡC-PsPr PIP°PīC-C,PSPsCÍC,C- P°P±Ps
PīPsPrCžPIP°PSPSCḡ PīCḡCžPrPrCḡ.***

P’P°PīC-C,PSC-CÍC,CH

P‡CÍPSCfCḡC,CH PsP±PjPµP¶PµPSC- PeP»C-PSC-C‡PSC- PrP°PSC- C%PsPrPs
P•P°CÍC,PsCÍCfPIP°PSPSCḡ P°PjC-C,CḡPëPīC,PëP»C-PSCf PīC-Pr C‡P°CÍ
PIP°PīC-C,PSPsCÍC,C-.

P”PsCÍP»C-PrP¶PµPSPSCḡ PSP° C,PIP°CḡPëPSP°C... PīPsPeP°P•P°P»Pë
CḡPµPīCḡPsPrCfPeC,PëPIPsCf C,PsPeCÍPëC‡PSC-CÍC,CH.

$\text{P}\mu\text{C}-\text{Pr}\text{C}\ddagger\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{P}\text{IP}^{\circ}\text{P}\gg\text{PsPiPs}\text{PiC}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{P}\text{N}\ddot{\text{e}}\text{PsPjCr}\text{C}, \text{P}^{\circ}\text{PiC}-\text{C}\dot{\text{I}}\text{P}\gg\text{C}\dot{\text{I}}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{PsC}\dot{\text{I}}\text{CrP}\text{IP}^{\circ}\text{PSPSC}\dot{\text{I}}\text{PSP}^{\circ}\text{PsC}\dot{\text{I}}\text{C}, \text{P}^{\circ}\text{PSPSC}-\text{C}\dots\text{C}, \text{P}\ddot{\text{e}}\text{P}\P\text{PSC}\dot{\text{I}}\text{C}\dots\text{PIP}^{\circ}\text{PiC}-\text{C}, \text{PSPsC}\dot{\text{I}}\text{C}, \text{C}-$
 $\text{PjPsP}\P\text{CrC}, \text{CH}\text{PIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PeP}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PjPiC}, \text{PsPjP}\ddot{\text{e}}\text{P}^{\circ}\text{P}\pm\text{C}\dot{\text{I}}\text{C}, \text{P}\ddot{\text{e}}\text{PSP}\mu\text{PSC}\dot{\text{I}}\text{C}-\text{C}-$
 $\text{PSPsP}\text{IPsPSP}^{\circ}\text{C}\dot{\text{I}}\text{PsPrP}\P\text{P}\mu\text{PSP}\ddot{\text{e}}\text{C}\dots, \text{C}\%_{\text{oo}}\text{PsPjPsP}\P\text{P}\mu\text{C}\dot{\text{I}}\text{CrPiC}\dot{\text{I}}\text{PsP}\text{IPsPrP}\P\text{CrP}\text{IP}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{CH}$
 $\text{PrC}\dot{\text{I}}\text{P}^{\circ}\text{C}, \text{C}-\text{PIP}\gg\text{P}\ddot{\text{e}}\text{PIC}-\text{C}\dot{\text{I}}\text{C}, \text{CH}, \text{PiC}-\text{PiP}\mu\text{C}\dot{\text{I}}\text{C}, \text{PsPSC}-\text{C}''\text{CH}, \text{C}, \text{C}\dot{\text{I}}\text{P}\mu\text{PjPsC}\dot{\text{I}}\text{PsPj},$
 $\text{PSP}\mu\text{C}\dot{\text{I}}\text{P}\mu\text{PiCrP}\gg\text{C}\dot{\text{I}}\text{C}\dot{\text{I}}\text{PSP}\ddot{\text{e}}\text{PjPrP}\ddot{\text{e}}\text{C}\dots\text{P}^{\circ}\text{PSPSC}\dot{\text{I}}\text{Pj}, \text{C}\dot{\text{I}}\text{PsP}\cdot\text{P}\gg\text{P}^{\circ}\text{PrPsPjPiP}\ddot{\text{e}}\text{C}, \text{C}, \text{C}\dot{\text{I}}\text{C}-$
 $\text{PiCrC}\ddagger\text{PSP}\ddot{\text{e}}\text{PjPiP}\gg\text{P}^{\circ}\text{C}\ddagger\text{P}\mu\text{PjC}, \text{P}^{\circ}, \text{PjPsP}\P\text{P}\gg\text{P}\ddot{\text{e}}\text{PIPs}, \text{P}^{\circ}\text{PSC}, \text{P}\ddot{\text{e}}\text{C}\dots\text{PsP}\gg\text{C}-\text{PSP}\mu\text{C}\dot{\text{I}}\text{PiC}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}$
 $\text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PjPiC}, \text{PsPjP}\ddot{\text{e}}\text{C}(\text{CrC}, \text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PjP}^{\circ}\text{PSPSC}\dot{\text{I}}\text{C}\dot{\text{I}}\text{P}\mu\text{C}\ddagger\text{C}-, \text{P}\cdot\text{P}^{\circ}\text{PiPsC}\dot{\text{I}}).$

PhPjC-C,CTjPëPiC,PëP»C-PS C,P° PNzPsPiPs PjPµC,P°P±PsP»C-C,Pë PIPëPrC-P»CЦICтC,CтCГCЦ
PI PiCTjCfPrPSPµ PjPsP»PsPePs (0,6Bт“1% PrPsP·Pë PjP°C,PµCTjC-).

РәP_uCHC, PëP»CHPSC-CTC, CH

$P_k P_l P_j P^o C''$ $P_r P^o P S P \bar{e} C... P_i C T_j P_s P I P_i P \gg P \bar{e} P I P^o P_j C-C, C T_j P \bar{e} P_i C, P \bar{e} P \gg C-P S C r P S P^o$
 $C,, P_l C T_j C, P \bar{e} P \gg C H P S C-C l' C, C H P \gg C H P_r P \bar{e} P S P \bar{e}$.

PhPjC-C,ChPëPiC,PëP»C-PS C" CÍPµPrP°C,PëPIPSPëPj P»C-PeP°CChCÍCHPePëPj P·P°CÍPsP±PsPj.
Pj PiP°C†C-C"PS C,P°, CÍPePëPµ PsC,ChPëPjCrC" PiCÍPëC...PsC,ChPsPiPSPëPµ
PiChPµPiP°CChP°C,, PjPsP¶PSP° PsC†C-PeCrPIP°C,Pë PiPsChCrC€PµPSPSCÍ
P·P°PiP°P»CHPSPsC— CrPIP°PiPë C- P·PrP°C,PSPsCÍC,C- PrPs P·PsCÍPµChPµPrP¶PµPSPSCÍ,
C°Ps PsP±CrPjPsPIP»CHC" PSPµP±PµP·PiPµPeCr C,P° P·P°P±PsChPsPSCr PePµChCrPIP°C,Pë
P°PIC,PsPjPsP±C-P»PµPj C- PiChP°C†CHPIP°C,Pë P· C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.
PiC- PiPsP±C-C†PSC- PµC,,PµPeC,Pë PjPsP¶CrC,CH P±CrC,Pë PiPsCÍPëP»PµPSC- PiChPë
PsPrPSPsC†P°CÍPSPsPiCr PIP¶PëPIP°PSPSC- P°P»PePsPiPsP»CH.

$$P'P_uP \gg P\ddot{e}P_eP\ddot{e}PN_{\infty} \quad P\tau P_uP\ddot{i}C\tau P_uC\tau'P\ddot{e}PIPSP\ddot{e}PN_{\infty} \quad C\tau P_sP \cdot P \gg P^{\circ}P\tau$$

P>C-PeCfPIP°PSPSClI CÍP»C-Pr PíPsCfPëPSP°C,Pë C-P· P·P°CÍC,PsCÍCfPIP°PSPSClI
PSPëP·CHPePëC... PrPsP· P· PíPsCÍC,CfPíPsPIPëPj C—C... PíC-PrPIPëC%PµPSPSClI Pj PíCfPë
CfPµC,PµP»CHPeSPsPjCf CÍPíPsCÍC,PµCfPµP¶PµPSPSC- PeP»C-PSC-CfPSPsPiPs PµC„PµPeC,Cf
C,P° PsP·PSP°Pe CfCfC,P»PëPIPsCÍC,C- PrPs P»C-PeP°CfCfCHPePsPiPs P·P°CÍPsP±Cf.

P''PsCfPsCÍP»C-

PŸPíPsCfP°C,PeCf 25 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf (50 PjPi PSP° PrPsP±Cf). PµCfPë
PSPµPsP±C...C-PrPSPsCÍC,C- PrPsP·Cf PjPsP¶PSP° PíC-PrPIPëC%PëC,Pë PSP° 25 PjPi
PePsP¶PSPsPiPs PrCfCfPiPsPiPs PrPSClI PrPs 150 PjPi PSP° PrPsP±Cf, CfPsP·PrC-P»CfCfCfPë
PSP° PrPIP° PíCfPëPNëPsPjPë.

PµC-PrC,CfPëPjCfCfCfP° PrPsP·P° PIC-PrPíPsPIC-PrP°C'' PSP°PNëPSPëP¶CfC-PNë
PµC„PµPeC,PëPIPSC-PNë PrPsP·C-.

*PµP°CfC-C''PSC,Pë PIC-PePsPj PIC-Pr 65 CfPsPeC-PI C,P° PíP°CfC-C''PSC,Pë P·
C...PIPsCfPsP±PsCf CÍPµCfCfPµPIPs-CÍCzPrPëPSPSPsC— CÍPëCÍC,PµPjPë*

PŸPíPsCfP°C,PeCf 25 PjPi PSP° PrPsP±Cf.

P''PsP±PsPICf PrPsP·Cf PjPsP¶PSP° PíC-PrPIPëC%PëC,Pë PrPs 100b7j“150 PjPi PSP° PrPsP±Cf,
CfPsP·PrC-P»PëPICëPë PSP° PrPIP° PíCfPëPNëPsPjPë P·P°P»PµP¶PSPs PIC-Pr
C-PSPrPëPIC-PrCfP°P»CHPeSPsC— CfPµP°PeCfC-C— PíP°CfC-C''PSC,P° C,P°
PíPµCfPµPSPsCÍPëPjPsCÍC,C-.

P''PsP·Pë PIPëC%Pµ 100 PjPi CÍP»C-Pr P·P°CÍC,PsCÍPsPICfPIP°C,Pë P·
PsP±PµCfPµP¶PSC-CÍC,Cf.

PµC-PrC,CfPëPjCfCfCfP° PrPsP·P° PIC-PrPíPsPIC-PrP°C'' PSP°PNëPSPëP¶CfC-PNë
PµC„PµPeC,PëPIPSC-PNë PrPsP·C-.

P''C-C,Pë

PkPµ CÍP»C-Pr P·P°CÍC,PsCÍPsPICfPIP°C,Pë P°PjC-C,CfPëPíC,PëP»C-PS PrP»CfI
P»C-PeCfPIP°PSPSClI PIPµP»PëPePsPiPs PrPµPíCfPµCÍPëPIPSPsPiPs CfPsP·P»P°PrCf Cf
PrC-C,PµPNë C,P° PíC-PrP»C-C,PeC-PI (PIC-PePsPj PrPs 18 CfPsPeC-PI), PsCÍPeC-P»CHPePë
P±PµP·PíPµCfPSC-CÍC,CH C,P° PµC„PµPeC,PëPIPSC-CÍC,CH P·P°CÍC,PsCÍCfPIP°PSPSClI
PíCfPµPíP°CfP°C,Cf Cf CfC-C-PNë PIC-PePsPIC-PNë PeP°C,PµPiPsCfC-C—
PíP°CfC-C''PSC,C-PI PSPµ PICÍC,P°PSPsPIP»PµPSC-.

PŸCfPëPIP°P»C-CÍC,CH C,PµCfP°PíC-C—

PfPSC,PëPrPµPíCfPµCÍP°PSC,PSPëPNë PµC„PµPeC, P·P°P·PIPëCfP°PNë
CfPsP·PIPëPIP°C''C,CHCÍCfI PíCfPsC,CfPiPsPj 2b7j“4 C,PëP¶PSC-PI. P>C-PeCfPIP°PSPSClI
P°PSC,PëPrPµPíCfPµCÍP°PSC,P°PjPë PjP°C'' CÍPëPjPíC,PsPjP°C,PëCfPSPëPNë
C...P°CfP°PeC,PµCf C- C,PsPjCf PíPsPIPëPSPSPs PíCfPsPIPsPrPëC,PëCÍCfI PíCfPsC,CfPiPsPj
PIC-PrPíPsPIC-PrPSPsPiPs PíCfPsPjC-P¶PeCf CfP°CÍCf, P·P°P·PIPëCfP°PNë PrPs 6
PjC-CÍCfCfC-PI PíC-CÍP»CfI PsPrCfP¶P°PSPSClI P· PjPµC,PsCf PíCfPsC„C-P»P°PeC,PëPePë
CfPµCfPëPrPëPICf. Pj C...PIPsCfPëC... PSP° CfPµCfPëPrPëPICfCfCfCf
(CfPSC-PíPsP»CfI CfPSCf) PrPµPíCfPµCÍC-Cf PíC-PrC,CfPëPjCfCfCfP° C,PµCfP°PíC-CfI
PjPsP¶Pµ P±CfC,Pë PSPµPsP±C...C-PrPSPsCf PíCfPsC,CfPiPsPj PrPµPeC-P»CHPePsC...
CfPsPeC-PI PrP»CfI P·P°PíPsP±C-PíP°PSPSClI PSPsPIPëPj PµPíC-P·PsPrP°Pj.

P>C-ΠeCfPIΠ°PSPSCII CΓPēPjPīC,PsPjP°C,ΠēC±PSPμ, C,PsPjCf P№PsPiPs CΓP»C-Pr
PīCηPsPrPsPIΠCfPIΠ°C,Πē PīCηPsC,CIIPIPsPj PIC-PrPīPsPIC-PrPSPsPiPs PīPμCηC-PsPrCf
C±P°CΓCf. Pj P±P°PiP°C,CHbPsC... C...PIPsCηΠēC... C,PμCηP°PīC-CII PjPsPΠPμ C,CηΠēPIΠ°C,Πē
ΠeC-P»CHbΠeP° CηPsΠeC-PI. P PμΠePsPjPμPSPPrCfC”C,CHbCΓCII CηPμPiCfP»CII CηPSPēPNē
ΠePsPSC,CηPsP»CHb PSPμPsP±C...C-PrPSPsCΓC,C- PīCηPsPrPsPIΠPμPSPSCII
P»C-ΠeCfPIΠ°PSPSCII.

PμCηPsC,,C-P»P°ΠeC,ΠēC±PSPμ P»C-ΠeCζPIΠ°PSPSCII C...CηPsPSC-C±PSPsPiPs
PiPsP»PsPIΠSPsPiPs P±PsP»CHb PSP°PīCηCζPiPē C,P° PīCηPsC,,C-P»P°ΠeC,ΠēC±PSPμ
P»C-ΠeCζPIΠ°PSPSCII PjC-PiCηPμPSC- Cζ PrPsCηPsCΓP»ΠēC...

P>C-ΠeCfPIΠ°PSPSCII CΓP»C-Pr PīCηPsPrPsPIΠCfPIΠ°C,Πē PīCηPsC,CIIPIPsPj PīPμPIΠSPsPiPs
PīPμCηC-PsPrCf C±P°CΓCf. P PμΠePsPjPμPSPPrCfC”C,CHbCΓCII CηPμPiCfP»CII CηPSPēPNē
ΠePsPSC,CηPsP»CHb PSPμPsP±C...C-PrPSPsCΓC,C- PīCηPsPrPsPIΠPμPSPSCII
P»C-ΠeCfPIΠ°PSPSCII.

ΠkC-C±PSPēPNē PμPSCζCηPμP.

P”C-C,Πē

P PμΠePsPjPμPSPPrPsPIΠ°PSC- PrPsP·Πē

P”C-C,Πē PIC-ΠePsPj PIC-Pr 11 CηPsΠeC-PI: 25Bη”50 PjPi PSP° PrPsP±Cf.

P”PsP·Cf CΓP»C-Pr P·P±C-P»CHbCēCfPIΠ°C,Πē PīPsCΓC,CfPīPsPIPs.

P>C-ΠeP°CηCΓCfCHbΠeΠēPNē P·P°CΓC-P± PīCηΠēPNēPjP°CηC,CHb P·P° 1Bη”1,5 PiPsPrΠēPSPē PrPs
CΓPSCf.

P”Ps PīPsC±P°C,ΠeCf C,PμCηP°PīC-C— P°PjC-C,CηΠēPīC,ΠēP»C-PSPsPj PrP»CII
PIΠēΠeP»CηC±PμPSPSCII CΓPēPSPPrCηPsPjCf PīPsPrPsPIΠPμPSPSCII C-PSC,PμCηPIΠ°P»Cf QT
PīPsC,CηC-P±PSPs P·CηPsP±ΠēC,Πē P·ΠbP”.

ΠyCηΠēPIΠ°P»C-CΓC,CHb P»C-ΠeCζPIΠ°PSPSCII

ΠbP°ΠeCΓPēPjP°P»CHbPSPēPNē PīPμCηC-PsPr ΠeCfCηCΓCf P»C-ΠeCfPIΠ°PSPSCII PSPμ
PīPsPIΠēPSPμPS PīPμCηPμPIΠēC%oCfPIΠ°C,Πē 3 PjC-CΓCII C±C-.

PīΠeC%oPs PSPμPsP±C...C-PrPSPēPNē PīPsPIC,PsCηPSPēPNē ΠeCfCηCΓCf P»C-ΠeCfPIΠ°PSPSCII
P°PjC-C,CηΠēPīC,ΠēP»C-PSPsPj, PjPμPrΠēC±PSPēPNē PsPiP»CII Pr CΓP»C-Pr PīCηPsPIPsPrΠēC,Πē
ΠePsPΠPSC- 3 PjC-CΓCII C±C-.

ΠμCηΠē PīCηΠēPīΠēPSPμPSPSC- P»C-ΠeCfPIΠ°PSPSCII PrPsP·Cf P°PjC-C,CηΠēPīC,ΠēP»C-PSCf
CΓP»C-Pr P·PSPēPΠCfPIΠ°C,Πē PīPsCΓC,CfPīPsPIPs.

PμPsCηCζCēPμPSPSCII C,,CζPSPeC±C-PNē PSPēCηPsΠe

ΠμP°C±C-C”PSC,P°Pj C-P· PīPsCηCfCēPμPSPSCII Pj C,,CfPSPeC±C-PNē PSPēCηPsΠe
P»C-ΠeP°CηCΓCfCHbΠeΠēPNē P·P°CΓC-P± PjPsPΠPSP° PīCηΠēP·PSP°C±P°C,Πē Cf
P·PIΠēC±P°PNēPSPēC... PrPsP·P°C....

PμPsCηCζCēPμPSPSCII C,,CζPSPeC±C-PNē PīPμC±C-PSPeΠē

P PμΠePsPjPμPSPPrCfC”C,CHbCΓCII PsP±PμCηPμPΠPSPēPNē PīC-PrP±C-Cη PrPsP·Πē C-,

СІІРсС%оРs РjРsР¶Р»РөРІРs, РІРөР·РSP°С±РµРSPSCІІ РІРjС-СІ́С,С́ РіСђРµРіР°СђР°С,С́ С́ СІ́РөСђРsРІР°С,С±С- РсСђРsРІС-.

Р±РSPiС-Р±С-С,РsСђРө С±РөС,РsС...СђРsРjСé Р450 CYP2D6

Р—Р°Р»РµР¶РSPs РІС-Рr С-РSPrРөРІС-РrС́Р°Р»СђРSPsС— СђРµР°Р°С±С-С— РіР°С±С-С”РSC,Р° РjРsР¶РSP° СђРsР·РіР»СІРSĆС,Рө РіРөС,Р°РSPSCІІ РіСђРs Р·РSPөР¶РµРSPSCІІ РrРsР·Рө Р°РjС-С,СђРөРіС,РөР»С-РSĆ С́ СђР°Р·С- РsРrРSPsС±Р°СІРSPsРіРs Р·Р°СІ́С,РsСІ́С́РІР°РSPSCІІ СІ́РөР»СђРSPsРіРs С-РSPiС-Р±С-С,РsСђР° CYP2D6 (РSP°РіСђРөРөР»Р°Рr Р±С́РіСђРsРіС-РSĆ, РсС-РSC-РrРөРSĆ, С,,Р»С́РsРсСІ́РµС,РөРSĆ, РіР°СђРsРсСІ́РµС,РөРSĆ).

Р'С-РrРsРjС- РіРsРІС-Р»СђРSC- РjРµС,Р°Р±РsР»С-Р·Р°С,РsСђРө CYP2D6 Р°Р±Рs CYP2C19

РµР°С±С-С”РSC,Рө Р· РІС-РrРsРjРөРj РіРsРІС-Р»СђРSPөРj РjРµС,Р°Р±РsР»С-Р·РjРsРj CYP2D6 Р°Р±Рs CYP2C19 РjРsР¶С́С,Сђ РjР°С,Рө РіС-РrРІРөС%оРµРSĆ РсРsРSC±РµРSC,СђР°С±С-Сђ РІ РіР»Р°Р·РjС- РсСђРsРІС- Р°РjС-С,СђРөРіС,РөР»С-РSĆ С,Р° РNөРsРіРs Р°РсС,РөРІРSPsРіРs РjРµС,Р°Р±РsР»С-С,С́ РSPsСђС,СђРөРіС,РөР»С-РSĆ. РђРsР¶Р»Р»РөРІРµ Р·РSPөР¶РµРSPSCІІ РSP° 50% СђРµРсРjРµРSPrРsРІР°РSPsС— РіРsС±Р°С,РсРsРІsС— РrРsР·Рө.

РђРµС,РsРr Р·Р°СІ́С,РsСІ́СэРІР°РSPSCІІ

РŸР°СђРsС,РµРS РіСђРөРNөРjР°СђС,Сђ РіРµСђРsСђР°Р»СђРSPs.

РŸР°Р±Р»РµС,РсРө СІ́Р»С-Рr РсРsРІС,Р°С,Рө, Р·Р°РіРөРІР°СђС±Рө РІРsРrРsСђ.

РµСђРөРіРөРSPµРSPSCІІ Р»С-РсСэРІР°РSPSCІІ

Рj СђР°С- РіСђРөРіРөРSPµРSPSCІІ Р»С-РсС́РІР°РSPSCІІ СІ́Р»С-Рr РіСђРsС,СІРіРіРj РсС-Р»СђРсС... С,РөР¶Р¶РSC-РІ РіРsСІ́С,С́РіРіРsРІРs Р·РjРµРSCёС́РІР°С,Рө РrРsР·С́ РіСђРµРіР°СђР°С,С́.

Р”С-С,Рө.

Р»С-РсС́РІР°РSPSCІІ РSC-С±РSPsРіРs РµРSĆСђРµР·С́ С́ РrС-С,РµРNө РІС-РсРsРj РІС-Рr 11 СђРsРсС-РІ РjРsР¶Р»Р»РөРІРµ Р·Р° С́РjРsРІРө РІС-РrСІ́С́С,РSPsСІ́С,С- РсСђРіР°РSPSC-С±РSPsС— РіР°С,РsР»РsРіС-С—, РІРөР»СђС±Р°СђРө *spina bifida*, С,Р° СІ́С́РіС́С,РSC-С... Р·Р°С...РІsСђСђРІР°РSCH, С,Р° С́ СђР°С- РІС-РrСІ́С́С,РSPsСІ́С,С- РІС-РrРіРsРІС-РrС- РSP° РSPµРjРµРrРөРөР°РjРµРSC,РsР·РSPµ С- РjРµРrРөРөР°РjРµРSC,РsР·РSPµ Р»С-РсС́РІР°РSPSCІІ, Р·РsРсСђРµРjР°, СІ́РіР°Р·РjРsР»С-С,РөС±РSPөРjРө РіСђРµРіР°СђР°С,Р°РjРө С,Р° РіСђРµРіР°СђР°С,Р°РjРө РІР°Р·РsРіСђРөРSĆ.

РіРµРNө Р»С-РсР°СђСІ́СђРсРөРNө Р·Р°СІ́С-Р± РіРsРІРөРSPµРS РіСђРөР·РSP°С±Р°С,Рө Р»РөСёРµ Р»С-РсР°СђС, СІРсРөРNө РjР°С” РrРsСІ́РІС-Рr Р»С-РсС́РІР°РSPSCІІ СІ́С,С-РNөРсРsРіРs РµРSĆСђРµР·С́.

РµРµСђРµРrРsР·СэРІР°РSPSCІІ.

P̣P̣SC,P̣C...P̣P̣»C-P̣SP̣μC̣P̣iC-C̣P̣SC- C̣P̣P̣P̣P̣iC,P̣P̣P̣P̣:
 P̣jC-P̣P̣C̣C̣-P̣°P̣·P̣C̣P̣, C,P̣°C...C-P̣P̣°C̣P̣P̣C-C̣P̣,
 P̣·P̣°C,C̣P̣P̣P̣P̣P̣P̣° C̣P̣P̣μC̣P̣C-, C̣P̣C̣P̣C...C-C̣P̣C,C̣P̣
 C̣P̣P̣»P̣P̣·P̣P̣P̣P̣P̣C... P̣P̣P̣±P̣P̣P̣»P̣P̣P̣P̣P̣P̣ C,P̣°
 P̣iC̣P̣P̣P̣P̣P̣SC-C̣P̣P̣μP̣SP̣SC̣P̣ P̣jP̣P̣C,P̣P̣C̣P̣P̣P̣P̣P̣P̣
 P̣P̣P̣C̣P̣P̣μC̣P̣P̣SP̣P̣P̣C̣P̣. P̣P̣P̣P̣P̣P̣»P̣P̣P̣P̣C- C̣P̣C̣P̣P̣P̣P̣P̣P̣,
 P̣iC̣P̣P̣P̣P̣P̣°C̣P̣P̣SP̣P̣C̣P̣C̣P̣, C̣P̣P̣°P̣iC,P̣P̣P̣P̣P̣P̣P̣P̣
 C̣P̣P̣P̣·P̣P̣P̣P̣C,P̣P̣P̣ P̣iC̣P̣P̣P̣P̣P̣SC-C̣P̣P̣μP̣SP̣SC̣P̣ P̣P̣P̣P̣P̣.
 P̣—P̣SP̣P̣P̣P̣P̣μP̣SP̣SC̣P̣ C̣P̣P̣P̣C-P̣P̣P̣P̣P̣P̣C̣P̣C,C-
 P̣iC̣P̣P̣P̣P̣P̣C̣P̣P̣μC̣P̣C̣P̣C” C̣P̣ P̣P̣P̣P̣P̣P̣ P̣.
 P̣iC̣P̣P̣P̣P̣P̣SC-C̣P̣P̣μP̣SP̣SC̣P̣P̣ P̣P̣P̣P̣C...P̣°P̣»C̣P̣P̣P̣P̣C—
 C,,C̣P̣P̣P̣C̣P̣C-C̣—.

[illegible]

PꞥCḐPëPNëPsPj PrPsCḐPScŦP»PëPj PrPsP·Pë 750 PjPi C- P±C-P»CHCëPꞥ PjPsPŦPꞥ
 PiCḐPëP·PIPꞥCŦC,Pë PrPs CŦPꞥCḐPNëPsP·PSPSc— C,PsPeCŦPëC±PSPScŦC,C-. P·C,,PꞥPeC,Pë
 PiCḐPë PiPꞥCḐPꞥPrPsP·CŦPIP°PSPSC- PiPsCŦPëP»CḐCḐC,CHCŦCŦ PiCḐPë
 PsPrPSPSc±P°CŦPSPScPjCŦ PiCḐPëPNëPsPjC- P· P°P»PePsPiPsP»PꞥPj C,P° C-PSCëPëPjPë
 PiCŦPëC...PsC,CḐPSPiPSPëPjPë CḐPꞥC±PsPIPëPSP°PjPë. PŦCŦPSCŦC” P·PSP°C±PSP°
 C-PSPrPëPIC-PrCŦP°P»CHPSP° PjC-PSP»PëPIC-CŦC,CH CŦ PIC-PrPiPsPIC-PrC- PSP°
 PiPꞥCḐPꞥPrPsP·CŦPIP°PSPSCŦ. PꞥPꞥCḐPꞥPrPsP·CŦPIP°PSPSCŦ P°PjC-C,CḐPëPiC,PëP»C-PSPScPj
 CŦ PrC-C,PꞥPNë PjPsPŦPꞥ PjP°C,Pë CŦPꞥCḐPNëPsP·PSC- PSP°CŦP»C-PrPePë. P”C-C,Pë
 PsCŦPsP±P»PëPIPs CŦC...PëP»CHPSC- PrPs PePsPjPë, PeP°CḐPrC-PsC,PsPeCŦPëC±PSPScŦC,C-,
 PiCḐPëPiPSC-C±PꞥPSPSCŦ PrPëC...P°PSPSCŦ, CŦCŦPrPsPj, PiC-PiPsPSP°C,CḐC-C”PjC-C—,
 PjP»CŦPIPScŦC,C-, CŦPëPSCŦCŦPsPIPSc— C,P°C...C-PeP°CḐPrC-C—, CŦPsPSP»PëPIPsCŦC,C-,
 PSCŦPrPsC,Pë, P±P»CHPIP°PSPSCŦ C,P° PiC-PiPꞥCḐPiP»C-PePꞥPjC-C—.

РµС-СГР»СІІ ПіСґPsP±СрРrP¶PµPSPSCІІ Р·PSPsPICр PjPsP¶P»PёPIC- СГРіP»СрС,Р°PSC-СГС,Сґ СГРІC-PrPsPjPsСГС,С-, С,СґPёPIPsP¶PSPµ Р·Р±СрРrP¶PµPSPSCІІ, PiP°P»СґС†PёPSP°С†С-С— С,Р° Р°С,Р°PёСГС-СІІ.

P>C-PeCзPIP°PSPSCІІ

РµР°С†С-С”PSC,С-PI СГР»С-Pr PiPsСГРіC-С,Р°P»С-Р·СрPIP°C,Рё (Ср PIC-PrPrC-Р»PµPSPSCІІ С-PSC,РµPSCГРіPёPIPsC— С,РµСґP°PіC-С—) С,Р° ПіСґPsPIPsPrPёC,Рё СґPµC,РµP»СґPSPёPNё PjPsPSC-С,PsСґPёPSPi СГС,Р°PSCр PSP°PIC-С,Сґ Р·Р° СрPjPsPI PsC±PµPIPёPrPSPs PSPµC,СІP¶PёPsPiPs PIPёPiP°PrPёСр. Р>C-PeCрPIP°PSPSCІІ PjP°C” Р±СрС,Рё СГРіPёPjPіC,PsPjP°C,РёC±PSPёPj C- PіC-PrC,СґPёPjCрСґСґPёPj.

РґPsPjPiP»PµPёСГР Р·Р°С...PsPrC-PI C%PsPrPs PsC†С-PSPёPё С,Р° PIC-PrPSPsPIP»PµPSPSCІІ Ср PSP°PNёPёPsСґPsC,СёC- С,РµСґPjC-PSPё С,,СрPSPёС†С-PNё PrPёC...Р°P»СґPSPsC— С,Р° СГРµCґС†PµPIPs-СГСрPrPёPSPSPsC— СГРёСГС,РµPj, СІPёC- СГР»С-Pr PIPёPёPsPSCрPIP°C,Рё С,Р° Р»С-PeCрPIP°C,Рё Ср PIPёPiP°PrPёP°C..., СІPёC- С,PsPiPs PiPsC,СґPµP±СрСґС,Сґ. РµСґPsC...С-PrPSC-СГС,Сґ PrPёC...Р°P»СґPSPёC... СёP»СІІC...С-PI Р·Р°P±PµP·PiPµC±СрPIP°C,Рё ПіСґPё PSPµPsP±С...С-PrPSPsСГС,С- СёP»СІІC...PsPj C-PSC,СрP±Р°С†С-С—. Р РµPёPsPjPµPSPPrCр”С,СґСГСІІ ПіСґPsPIPµPrPµPSPSCІІ Р»С-PeCрPIP°PSPSCІІ С-Р· Р·Р°СГС,PsСГСрPIP°PSPSCІІPj ПіСґPёPjCрСГРіPsPIPsC— PIPµPSC,РёP»СІІС†С-С— Р»PµPiPµPSC-PI PrP»СІІ Р·Р°PiPsP±С-PiP°PSPSCІІ PjPsP¶P»PёPIPsC— Р·СрPiPёPSPёPё PrPёC...Р°PSPSCІІ.

РµСґPsPIPµСГС,Рё PiPµСґPµPIC-СґPёСр СГРµC±PsPIPёPSPё, РµP»PµPёC,СґPsP»С-С,С-PI С,Р° PIPjC-СГС,Ср CO₂ С,Р° O₂ PI Р°СґC,РµСґC-Р°P»СґPSC-PNё PёСґPsPIC- С,Р° Р·РґP”. Р’РµP·PiPµСґPµСґPIPSPёPNё Р·РґP”-PjPsPSC-С,PsСґPёPSPi СГР»С-Pr ПіСґPsPIPsPrPёC,Рё ПіСґPsC,СІPiPsPj 3Bґ”5 PrC-P±. РµСґPsPjPёC,Рё СёP»СрPSPsPё, СІPёC%Ps ПіСґPsC,СІPiPsPj PsPrPSC-С”С— PiPsPrPёPSPё PiP°С†С-С”PSC, PsC,СґPёPjP°PI PiPsC,РµPSC†С-PNёPSPs СГРPjPµСґC,РµP»СґPSCр PrPsP·Ср. РµСґPёP·PSP°С±PёC,Рё 50 Pi Р°PёC,РёPIPsPIP°PSPsPiPs PICрPiC-Р»P»СІІ ПіСґPsC,СІPiPsPj PsPrPSC-С”С— PiPsPrPёPSPё PiC-СГР»СІІ PiPµСґPµPrPsP·СрPIP°PSPSCІІ. Р>C-PeCрPIP°PSPSCІІ С,Р°PёPёC... СГРёC,СрP°С†С-PNё PIPёСґC-СёСрPIP°C,РёPjPµC,СґСГСІІ PI PёPsP¶PSPsPjCр PёPsPSPёСґPµC,PSPsPjCр PIPёPiP°PrPёСр:

- **СґPsP·СёPёСґPµPSPSCІІ С-PSC,РµСґPIP°P»Ср QRS, СГРµCґС†PµPIP° PSPµPrPsСГС,Р°C,PSC-СГС,Сґ С,Р° СёP»СрPSPsC±PёPsPIC- Р°СґPёC,PjC-С—;**

- **С†PёСґPёСрP»СІІC,PsСґPSP° PSPµPrPsСГС,Р°C,PSC-СГС,Сґ;**
- PiC-PiPsC,РµPSP·C-СІІ;
- PiC-PiPµСґC,РµСґPjC-СІІ;
- СГСрPrPsPjPё;
- PjPµC,Р°P±PsP»С-С±PSPёPNё Р°С†PёPrPsP·.

РёPµСГРіPiPsPёC-PNё С,Р° СГСрPrPsPjPё PjPsP¶PSP° Р»С-PeCрPIP°C,Рё PrC-Р°P·PµPiP°PjPsPj.

РґСГРёC-Р»СґPёPё PiPµСґPµPrPsP·СрPIP°PSPSCІІ С±Р°СГС,Ps PSP°PIPjPёСГРPSPµ, PiC-Pr C±Р°СГР PiPµСґC-PsPrCр СґPµPjC-СГС-С— PiP°С†С-С”PSC,Рё PjPsP¶CрС,Сґ СГРіCґPsP±СрPIP°C,Рё PIC±PёPSPёC,Рё СГР°PjPsPiCрP±СГС,PIPs PI C-PSCёPёPNё

СГРiPсСГС-Р±. РҮРiPсСГС,РuСГС-РiР°Р»РёСГСЦ ПiРёРiР°РrРёРё СГРjРuСГС,С- РiС-Рr
PSP°PjРёСГPSPsPiPs Р°Р±Ps РiРёРiР°РrРёРёPSPsPiPs РiРuСГРuРrРsР·СrРiР°PSPSCЦ, СЦРёС-
РiС-РrР±СrР»РёСГСН РiСГРё Р·Р°СГС,PsСГСrРiР°PSPSC- Р»С-РёР°СГСГСНРёРёС...
Р·Р°СГРsР±С-Рi СГСНPsPiPs РёР»Р°СГСГ.

РuPsР±С-С#PSC- СГРuР°РёСГС-С—.

РђРjС-С,СГРёРёРiС,РёР»С-PS Р·РrР°С,РSPёР№ СГРiСГРёСГРёРёPSPёС,Рё РiPsР±С-С#PSC-
РuС,,РuРёС,Рё, Р°PSP°Р»PsiС-С#PSC- С,РёРj, С%oPs РiРёPSPёРёР°СГС,СН РiСГРёРё
РiСГРёРёР№PsРjС- С-PSCёРёС... С,СГРёСГРёРёРёР»С-С#PSPёС...
Р°PSC,РёРrРuРiСГРuСГР°PSC,С-Рi. Р"РuСЦРёС- Р· РiPsР±С-С#PSPёС... РuС,,РuРёС,С-Рi, С%oPs
PSP°PjРrРuPSC- РSPёРЦСРu (PSP°PiСГРёРёРёР»Р°Рr РiPsР»PsPSPёРёР№ Р±С-Р»СН,
С,СГРuРjPsСГ, РiPsСГСrСёРuPSPSCЦ РёPsPSCГРuPSC,СГР°СГС-С— СrРiР°РiРё, Р·Р°РiPsСГ С-
Р·PSPёРЦРuPSPSCЦ Р»С-Р±С-РrPs), РjPsРЦСrС,СН С,Р°РёPsРЦ Р±СrС,Рё СГРёРjРiС,PsРjР°РjРё
РrРuРiСГРuСГС-С— С- Р·Р°Р·РiРёСГР°Р№ СГР»Р°Р±СёР°СГС,СН Сr РjС-СГСГ
РiPsР»С-РiСёРuPSPSCЦ РrРuРiСГРuСГРёРiPSPsPiPs СГС,Р°PSCГ.

РuРuСГРuР»С-Рё РiPsР±С-С#PSPёС... СГРuР°РёСГС-Р№, PSP°PjРrРuPSPёР№ РSPёРЦСРu
Р·РiС-РrPSPs Р· РёР»Р°СГР°РjРё СГРёСГС,РuРj PsСГРiР°PSC-Рi Р·Р°
РёР»Р°СГРёС,,С-РёР°СГС-С"СН MedDRA, Р° СГР°РjРu: РrСrРЦРu СГР°СГС,Ps (>1/10);
СГР°СГС,Ps (>1/100, <1/10); PSPuСГР°СГС,Ps (>1/1000, <1/100); СГС-РrРёС-СГPSC- (>1/10000,
<1/1000); РrСrРЦРu СГС-РrРёС-СГPSC- (<1/10000), PSPuРiС-РrPsРjPs (PSPu РjPsРЦPSP°
PsСГС-PSPёС,Рё Р·Р° PSP°СЦРiPSPёРjРё РrР°PSPёРjРё).

РuР»Р°СГРё СГРёСГС,РuРj PsСГРiР°PSC-Рi Р·Р° MedDRA	РSP°СГС,PsС,Р°	РuСГРsСЦРiРё
Р— Р±PsРёСГ СГРёСГС,РuРjРё РёСГРsРiС- С,Р° Р»С-РjС,,Р°С,РёСГPSPsС— СГРёСГС,РuРjРё	Р С-РrРёС-СГPSC-	РuСГРёРiPSC-СРuPSPSCЦ РёС-СГС,РёPsPSPsPiPs РjPsР·РёСr, Р°РiСГР°PSCrР»PsСГРёС,PsР·, Р»РuР№РёPsРiРuPSC-СЦ, РuPsР·РёPSPsС,,С-Р»С-СЦ, С,СГРsРjР±PsСГРёС,PsРiРuPSC-СЦ.
Р— Р±PsРёСГ РjРuС,Р°Р±PsР»С-Р·РjСГ	Р С-РrРёС-СГPSC- РКРuРiС-РrPsРjPs	Р—PSPёРЦРuPSPёР№ Р°РiРuС,РёС,, РђPSPsСГРuРёСГС-СЦ, РiС-РrPSPёС%oРuPSPSCЦ Р°Р±Ps Р·PSPёРЦРuPSPSCЦ СГС-РiPSCЦ СГСrРёСГР Рi РёСГРsРiС-.
Р— Р±PsРёСГ РiСГРёС...С-РёРё	Р"СrРЦРu СГР°СГС,Ps	РђРiСГРuСГРёРiPSC-СГС,СН.
	РSP°СГС,Ps	РҮС,Р°PS СГРiР»СrС,Р°PSPsСГС,С- СГРiС-РrPsРjPsСГС,С-, Р·PSPёРЦРuPSPSCЦ Р»С-Р±С-РrPs, Р°РЦРёС,Р°СГС-СЦ.
	РКРuСГР°СГС,Ps	Р"С-РiPsРjР°PSC-СЦ, РjР°PSC-СЦ, С,СГРёРiPsРЦPSPёР№ СГС,Р°PS, Р±РuР·СГРsPSPSCЦ, СГС,СГР°СёPSC- СГPSPsPSPёРrС-PSPSCЦ.
	Р С-РrРёС-СГPSC-	Р"РuР»С-СГС-Р№ (Сr С...PSPsСГРёС... Р»С-С,PSСНPsPiPs РiС-РёСr), РiР°Р»СГСГРёPSP°СГС-С—, СГСrС-СГРёРrР°Р»СНPSC- РrСrРjРёРё Р°Р±Ps РiPsPSPuРrС-PSPёР°*.
	РКРuРiС-РrPsРjPs	РuР°СГР°PSPsСЦ.

P— P±PsPeCf PSPμCḡPIPsPIPsC— CfPëCfC,PμPjPë	P"CrP¶Pμ C‡P°CfC,Ps	PŸPsPSP»PëPIC-CfC,Ch, C,CḡPμPjPsCḡ, P·P°PïP°PjPsCḡPsC‡PμPSPSC¶, PiPsP»PsPIPsPëPNë P±C-P»CH, PIBḡ™ C¶P»C-CfC,Ch, CḡPsP·P»P°PrPë PjPsPIPsP»PμPSPSC¶ (PrPëP·P°CḡC,CḡC-C¶).
	P§P°CfC,Ps	P PsP·P»P°PrPë CrPïP°PiPë, PrPëCfPiPμPIPsC-C¶, PiP°CḡPμCfC,PμP·C-C—, P°C,P°PeCfC-C¶.
	PkPμC‡P°CfC,Ps	PŸCrPrPsPjPë.
	P"CrP¶Pμ CḡC-PrPeC-CfPSC-	PḡPeP°C,PëP·C-C¶, PiPsP»C-PSPμPNëCḡPsPiP°C,C-C¶.
	PkPμPIC-PrPsPjPs	P·PeCfC,CḡP°PiC-CḡP°PjC-PrPSPëPNë CḡPsP·P»P°Pr, CfPμCḡPsC,PsPSC-PSPsPIPsPëPNë CfPëPSPrCḡPsPj**.
P— P±PsPeCf PsCḡPiP°PSC-PI P·PsCḡCr	P"CrP¶Pμ C‡P°CfC,Ps	P PsP·P»P°PrPë P°PePsPjPsPrP°C‡C-C—.
	P§P°CfC,Ps	PḡC-PrCḡC-P°P·.
	P"CrP¶Pμ CḡC-PrPeC-CfPSC-	P"PsCfC,CḡPëPNë PSP°PiP°Pr PiP»P°CfPePsPjPë.
	PkPμPIC-PrPsPjPs	PŸCrC...C-CfC,Ch PsC‡PμPNë.
P— P±PsPeCf PsCḡPiP°PSC-PI CfP»CrC...Cr C- PIPμCfC,PëP±CrP»C¶CḡPSPsPiPs P°PiP°CḡP°C,Cr	PkPμC‡P°CfC,Ps	PëCrPj Cr PICfC...P°C....
P— P±PsPeCf CfPμCḡC‡PμPIPs- CfCfPrPëPSPSPsC— CfPëCfC,PμPjPë	P"CrP¶Pμ C‡P°CfC,Ps	PμPsCfPëP»PμPSPμ CfPμCḡC‡PμP±PëC,C,C¶, C,P°C...C-PeP°CḡPrC-C¶.
	P§P°CfC,Ps	PḡC,CḡC-PsPIPsPSC,CḡPëPeCfP»C¶CḡPSC- P±P»PsPeP°PrPë, P±P»PsPeP°PrPë PSC-P¶PsPe PiCfC‡PeP° P"C-CfP°.
	PkPμC‡P°CfC,Ps	PŸC,P°PS PePsP»P°PiCfCf, PiPsCfPëP»PμPSPSC¶ CfPμCḡC‡PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-.
	P C-PrPeC-CfPSC-	PḡCḡPëC,PjC-C¶.
	P"CrP¶Pμ CḡC-PrPeC-CfPSC-	PḡP°CḡPrC-PsPjC-PsPiP°C,C-C¶, torsades de pointes.
	PkPμPIC-PrPsPjPs	PḡC-PsPeP°CḡPrPëC,, CfPiCḡPëC‡PëPSPμPSPëPNë PiC-PiPμCḡC‡CfC,P»PëPIC-CfC,Cḡ PrPs P»C-PeP°CḡCfChPePëC... P·P°CfPsP±C-PI.
P— P±PsPeCf CfCfPrPëPS	P"CrP¶Pμ C‡P°CfC,Ps	PḡCḡC,PsCfC,P°C,PëC‡PSP° PiC-PiPsC,PμPSP·C-C¶.
	PkPμC‡P°CfC,Ps	PḡCḡC,PμCḡC-P°P»CHPSP° PiC-PiPμCḡC,PμPSP·C-C¶.
	PkPμPIC-PrPsPjPs	P"C-PiPμCḡC,PμCḡPjC-C¶.
P— P±PsPeCf PrPëC...P°P»CHPSPsC— CfPëCfC,PμPjPë, PsCḡPiP°PSC-PI PiCḡCrPrPSPsC— PeP»C-C,PePë C,P° CfPμCḡPμPrPsCfC,C-PSPSC¶	P"CrP¶Pμ C‡P°CfC,Ps	P—P°PeP»P°PrPμPSC-CfC,Ch PSPsCfP°.
	P"CrP¶Pμ CḡC-PrPeC-CfPSC-	PḡP»PμCḡPiC-C‡PSC- P·P°PiP°P»PμPSPSC¶ P»PμPiPμPSPμPIPsC... P°P»CHPIPsPsP» C- P»PμPiPμPSPμPIPsC— C,PeP°PSPëPSPë (P°P»CHPIPsPsP»C-C,, CfPëPSPrCḡPsPj P»PμC,,C,,P»PμCḡP°).

P— P±PsPeCf C€P»CfPSPePsPIPs- PeP€C€PePsPIPsPiPs C,CfP°PeC,Cf	P"CrP¶Pµ C‡P°CfC,Ps	PŸCfC...C-CfC,CH Cf CfPSc,C-, P·P°PiPsCf, PSCfPrPsC,P°.
	PkPµC‡P°CfC,Ps	P"C-P°CfPµCf, P±P»CfPIP°PSPSCf, PSP°P±CfCfPe CfP·PèPeP°.
	P C-PrPeC-CfPSC-	P—P±C-P»CHC€PµPSPSCf CfP»PèPSPSPèC... P·P°P»PsP·, PiP°CfP°P»C-C,PèC‡PSP° PePèC€PePsPIP° PSPµPiCfPSc...C-PrPSC-CfC,CH.
P— P±PsPeCf PiPµC‡C-PSPePè C,P° P¶PsPIC‡PsPIPèPIC-PrPSPèC... C€P»CfC...C-PI	P C-PrPeC-CfPSC-	P-PsPIC,CfPSPèC‡Cf.
	PkPµC‡P°CfC,Ps	PµPµC‡C-PSPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH (PSP°PiCfPèPeP»P°Pr C...PsP»PµCfC,P°C,PèC‡PSP° C...PIPsCfPScP±P° PiPµC‡C-PSPePè).
	PkPµPIC-PrPsPjPs	P"PµPiP°C,PèC,.
P— P±PsPeCf C€PeC-CfPè C,P° PiC-PrC€PeC-CfPSPSc— PeP»C-C,PePsPIPèPSPè	P"CrP¶Pµ C‡P°CfC,Ps	P"C-PiPµCfPiC-PrCfPScP·.
	PkPµC‡P°CfC,Ps	P'PèCfPèPiP°PSPSCf, CfCfC,PèPeP°CfC-C—, PSP°P±CfCfPe PsP±P»PèC‡CfCf.
	P C-PrPeC-CfPSC-	PfP»PsPiPµC‡C-Cf, CfPµP°PeC‡C-C— C,,PsC,PsCfPµPSCfPèP±C-P»C-P·P°C‡C-C—.
P— P±PsPeCf PSPèCfPScPe C,P° CfPµC‡PsPIPèPIC-PrPSPèC... C€P»CfC...C-PI	P§P°CfC,Ps	PµPsCfCfC€PµPSPSCf CfPµC‡PsPIPèPiCfCfPeP°PSPSCf.
	PkPµC‡P°CfC,Ps	P—P°C,CfPèPjPeP° CfPµC‡C-.
P— P±PsPeCf CfPµPiCfPScPrCfPeC,PèIPSPSc— CfPèCfC,PµPjPè C,P° PjPsP»PsC‡PSPèC... P·P°P»PsP·	P§P°CfC,Ps	P·CfPµPeC,PèP»CHPSP° PrPèCfC,,CfPSPeC‡C-Cf.
	PkPµC‡P°CfC,Ps	P"P°P»P°PeC,PsCfPµCf.
	P C-PrPeC-CfPSC-	P"C-PSPµPePsPjP°CfC,C-Cf.
P—P°PiP°P»CHPSC- CfPScP·P»P°PrPè	P§P°CfC,Ps	P'C,PsPjP°, PIC-PrC‡CfC,C,Cf CfPiCfP°PiPè.
	P C-PrPeC-CfPSC-	PµC-CfPµPeCfC-Cf.
P‡PSC€C- PiCfPScCfPIPè	P"CrP¶Pµ C‡P°CfC,Ps	P—P±C-P»CHC€PµPSPSCf PjP°CfPè C,C-P»P°.
	P§P°CfC,Ps	PfPSPScPjP°P»CHPSP° PeP°CfPrC-PsPiCfP°PjP°, C-PSC,PµCfPIP°P» QT PSP° PeP°CfPrC-PsPiCfP°PjC- PiPsPrPsPIP¶PµPSPèPNe, PePsPjPiP»PµPeCf QRS PSP° PeP°CfPrC-PsPiCfP°PjC- PiPsPrPsPIP¶PµPSPèPNe, PiC-PiPsPSP°C,CfC-C"PjC-Cf.
	PkPµC‡P°CfC,Ps	P—P±C-P»CHC€PµPSPSCf C-PSC,CfP°PsPeCfP»CfCfPSPScPiPs C,PèCfPeCf.
	P C-PrPeC-CfPSC-	P—PjPµPSC€PµPSPSCf PjP°CfPè C,C-P»P°. P"PèCfC,,CfPSPeC‡C-Cf PiPµC‡C-PSPePè, PiC-PrPIPèC%PµPSPSCf P»CfP¶PSPSc— C,,PsCfC,,P°C,P°P·Pè PI PeCfPScPIC-, PiC-PrPIPèC%PµPSPSCf CfC-PIPSCf C,CfP°PSCfP°PjC-PSP°P·.

* PµCfPSc PIPèPiP°PrPePè CfCfC—C‡PèPrP°P»CHPSPèC... PrCfPjPsPe P°P±Ps
PiPsPIPµPrC-PSPePè PiPsPIC-PrPsPjP»CfP»PsCfCf PiCfPSc,CfPiPsPj P»C-PeCfPIP°PSPSCf

P°P±Ps PsPrCḡP°P·Cṛ PīC-CḡP»Cḷ PīCḡPēPīPēPSPμPSPSCḷ P»C-PeCṛPIP°PSPSCḷ
P°PjC-C,CḡPēPīC,PēP»C-PSPsPj (PrPēPI. CḡPsP·PrC-P» B«PḥCḡPsP±P»PēPIPsCḡC,C-
P·P°CḡC,PsCḡCṛPIP°PSPSCḷB»).

**** PμCḡPs C,P°PeC- PIPēPīP°PrPePē PīPsPIC-PrPsPjP»CḷP»PsCḡCḷ PrP»Cḷ**
CḡPμCḡPsC,PsPSC-PSPμCḡPīC-CḡPSPēC... P»C-PeP°CḡCḡCḡPePēC... P·P°CḡPsP±C-PI,
C,P°PePēC... CḷPe C,PμCḡP°PīPμPIC,PēCḡPSPēPNḡ PeP»P°Cḡ
C,CḡPēCḡPēPeP»C-CḡPSPēC... P°PSC,PēPrPμPīCḡPμCḡP°PSC,C-PI (PrPēPI.
CḡPsP·PrC-P»Pē B«PḥCḡPsP±P»PēPIPsCḡC,C- P·P°CḡC,PsCḡCṛPIP°PSPSCḷB» C,P°
CḡPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cḷ P· C-PSC€PēPjPē P»C-PeP°CḡCḡCḡPePēPjPē
P·P°CḡPsP±P°PjPē C,P° C-PSC€C- C,,PsCḡPjPē PIP·P°C”PjPsPrC-PNḡB»).

P·PīC-PrPμPjC-PsP»PsPiC-CḡPSC- PrPsCḡP»C-PrP¶PμPSPSCḷ, PI PsCḡPSPsPIPSPsPjCṛ
PīCḡPsPIPμPrPμPSC- P·P° CṛCḡP°CḡC,Cḡ PīP°CḡC-C”PSC,C-PI PIC-PePsPj PIC-Pr 50 CḡPsPeC-PI,
PīPsPeP°P·P°P»Pē PīC-PrPIPēC%PμPSPēPNḡ CḡPēP·PēPe PīPμCḡPμP»PsPjC-PI PeC-CḡC,PsPe Cṛ
PīP°CḡC-C”PSC,C-PI, CḷPeC- PsC,CḡPēPjCṛCḡC,Cḡ PŸP†P—P—PŸ C- TCAs. PḥPμC...P°PSC-P·Pj
CḡPsP·PIPēC,PeCṛ CḡCḡPsPiPs CḡPēP·PēPeCṛ PSPμPIC-PrPsPjPēPNḡ.

P—PIC-C,CṛPIP°PSPSCḷ PīCḡPs PīC-PrPsP·CḡCḡPIP°PSCṛ PīPsP±C-CḡPSCṛ CḡPμP°PeCḡC-Cḡ

P’P°P¶P»PēPIPs PīPsPIC-PrPsPjP»CḷC,Pē PīCḡPs PīC-PrPsP·CḡCḡPIP°PSC- PīPsP±C-CḡPSC-
CḡPμP°PeCḡC-C— PīC-CḡP»Cḷ PrPμCḡP¶P°PIPSPsC— CḡPμC”CḡC,CḡP°CḡC-C—
P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cṛ. PḷPμ PrP°C” P·PjPsPiCṛ PīCḡPsPIPsPrPēC,Pē
PīPsCḡC,C-PNḡPSPēPNḡ PjPsPSC-C,PsCḡPēPSPi PePsCḡPēCḡC,C- C,P° CḡPēP·PēPeCṛ
P·P°CḡC,PsCḡCṛPIP°PSPSCḷ P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cṛ.

PŸPμCḡPjC-PS PīCḡPēPrP°C,PSPsCḡC,C-. 5 CḡPsPeC-PI.

PjPjPsPIPē P·P±PμCḡC-PiP°PSPSCḷ. P—P±PμCḡC-PiP°C,Pē PI
PsCḡPēPīC-PSP°P»CḡPSC-PNḡ CṛPīP°PePsPICḡC- Cṛ PSPμPrPsCḡC,CṛPīPSPsPjCṛ PrP»Cḷ
PrC-C,PμPNḡ PjC-CḡCḡC-. P»C-PeP°CḡCḡCḡPePēPNḡ P·P°CḡC-P± PSPμ
PīPsC,CḡPμP±CṛC” PsCḡPsP±P»PēPIPēC... CṛPjPsPI P·P±PμCḡC-PiP°PSPSCḷ.

PjPīP°PePsPIPeP°. 100 C,P°P±P»PμC,PsPe Cṛ PīP»P°CḡC,PēPePsPIPsPjCṛ
PePsPSC,PμPNḡPSPμCḡC- Cṛ PeP°CḡC,PsPSPSC-PNḡ PePsCḡPsP±CḡC-.

PḷP°C,PμPiPsCḡC-Cḷ PIC-PrPīCṛCḡPeCṛ. P—P° CḡPμCḡPμPīC,PsPj.

P’PēCḡPsP±PSPēPe. Pḡ. P»CṛPSPPrP±PμPe Pḡ/PŸ (H. Lundbeck A/S).

**РѢС-СЃС†РµР·РSP°С...РsРГР¶РµРSPSCИ РІРёСЃРsР±РSPёРєР° С,Р° РNёРsРiРs
Р°РГСЃРµСЃР° РјС-СЃС†СИ РїСЃРІР°РГР¶РµРSPSCИ РГС-СИР»СЃРSPsСЃС,С-.**
ОС,С,С-Р»С-Р°РІРµРНё 9, 2500 Р'Р°Р»P±С-, Р"Р°РSPC-СИ (Ottliavej 9, 2500 Valby, Denmark).