

Р†РќРЎРЎР РЈРЉРІР†РЇ

**PrP»CЦ PjPμPrPëC±PSPsPiPs P·P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CЦCíCñPePsPiPs
P·P°CíPsP±Cí**

P'P†P'P_hPTMP P_h

$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma$:

$$PrC-C\bar{H}C\ddagger P^{\circ} \ C\bar{H}P\mu C\ddagger PsPIP\ddot{e}PSP^{\circ}: \ C\bar{r}P\ddot{e}P\gg PrP\mu PSP^{\circ}C,,C-P\gg C\bar{r} \ C\ddagger P\ddot{e}C,C\bar{H}P^{\circ}C,,$$

1 C,P°P±P»PµC,PεP° P¶CřPIP°P»CHßPSP° PjC-CřC,PëC,CH CřPëP»PrPµPSP°C,,C-P»Cř 50 PjPi Cř C,,PsCßPjC- CřPëP»PrPµPSP°C,,C-P»Cř C†PëC,CßP°C,Cř 70,24 PjPi P°P±Ps

1 C,P°P±P»P_μC,P_eP° P¶C_rPIP°P»CH₅PSP° P_jC-C_rC,P_eC,CH₅ C_rP_eP»PrP_μPSP°C_„,C-P»C_r 100 P_jP_i C_r C_„,P_sC₇P_jC- C_rP_eP»PrP_μPSP°C_„,C-P»C_r C_rP_eC,C₇P°C,C_r 140,48 P_jP_i;

*PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: PeP°P»C-Ç¶ PiPsP»P°PeC¶PëP»C-PS; PjP°PiPSC-Ç¶ C¶C, PµP°C¶P°C,; PeC¶PµPjPSC-Ç¶ PrC-PsPeC¶PëPr PePsP»PsC—PrPSPëP¶
P±PµP·PiPsPrPSPëP¶; P°C¶PiP°C¶C,P°Pj (P· 951); PSP°C,C¶C-Ç¶
PeC¶PsC¶PeP°C¶PjPµP»PsP·P°; P°C¶PsPjP°C,PëP·P°C,PsC¶ PjB¶™ C¶C,P° PiPµC¶C†PµPIP°;
P»P°PeC,PsP·P°, PjPsPSPsPiC-PrC¶P°C,; PiPsPIC-PrPsPS P¶-30.*

$$\text{P}^{\circ}\text{C}-\text{PeP}^{\circ}\text{C}\dot{\text{H}}\text{C}\dot{\text{H}}\text{P}\text{eP}^{\circ}\text{C}_{\text{H}}\text{PsC}\dot{\text{H}}\text{PjP}^{\circ}\text{C}.\text{PyP}^{\circ}\text{P}\pm\text{P}\gg\text{P}_{\text{H}}\text{C},\text{PeP}\ddot{\text{e}}\text{P}\|\text{C}\dot{\text{r}}\text{P}\text{IP}^{\circ}\text{P}\gg\text{CHBPSC}.$$

PhCl'PSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C±PSC- PIP»P°Cl'C,PëPIPsCl'C,C-: C,CḡPëPeCrC,PSC- PrPIPsPsPïCrPeP»C- C,P°P±P»PuC,PePë P±C-P»PsPiPs PePsP»CHbPsCḡCr P· C,PëCl'PSPuPSPSClḡj B«50B» P°P±Ps B«100B» P· PsPrPSPsPiPs P±PsPeCr.

**P_μP°C₇PjP°PePsC,P_μC₇P°PiP_μPIC,PëC†PSP° PiC₇CíPiP°. P—P°CÍPsP±Pë, C%oPs
P·P°CÍC,P_sCÍPsPICrC₇C,C_HCÍC_U PiC₇Pë P_μC₇P_μPeC,PëP»CH₂PSC-PN₂
PrPëCÍC,,CíPSPeC†C-C—. PÿPëP»PrP_μPSP°C,,C-P». P_LPsPr P_HPÿPT G04B E03.**

$P \rightleftharpoons P^{\circ} C \bar{H} P j P^{\circ} P e P s P \gg P s P i C - C \nmid P S C - P I P \gg P^{\circ} C \bar{I} C, P \ddot{e} P I P s C \bar{I} C, C - .$

$$P \propto P^\circ C \bar{h} P j P^\circ P \epsilon P s P \tau P \ddot{e} P S P^\circ P j C - P \epsilon P^\circ.$$

PŸPĖP»PrPµPSP°C„C-P» вѣ“ PĭCĥPµPĭP°CĥP°C, PrP»Cĭ PĭPµCĥPsCĥP°P»CHBPSPsPiPs
 P·P°CĭC,PsCĭCĭPIP°PSPSCĭ, PĭCĥPĖP·PSP°C‡PµPSPĖPNĕ PrP»Cĭ P»C-PeCĭPIP°PSPSCĭ
 PµCĥPµPeC,PĖP»CHBPSPsC— PrPĖCĭC„CĭPSPeC‡C—C—. PµCĥPĖ CĭPµPeCĭCĭP°P»CHBPSPsPjCĭ
 P·P±CĭPrP¶PµPSPSC- PĭCĥPµPĭP°CĥP°C, PIC-PrPSPsPIP»CĥC” P·PSPĖP¶PµPSCĭ
 PµCĥPµPeC,PĖP»CHBPSCĭ C„CĭPSPeC‡C-Cĥ CĖP»CĭC...PsPj PĭPsCĭPĖP»PµPSPSCĭ
 PĭCĥPĖC,PsPeCĭ PeCĥPsPIC- PrPs CĭC,P°C,PµPIPsPiPs C‡P»PµPSP°.

PαC-P·C-PsP»PsPiC-C‡PSPëPNë PjPμC...P°PSC-P·Pj, C%Ps P·CfPjPsPIP»CñC" PμCñPμPeC†C-Cñ,
PIPeP»CñC‡P°C" PIPëPIC-P»CHbPSPμPSPSC‡ PsPeC†PëPrCf P°P·PsC,Cf (NO) Cf
PeP°PIPμCñPSPsP·PSPëC... C,C-P»P°C... Pïc-Pr C‡P°C† C†PμPeC†CfP°P»CHbPSPsPiPs
P·P±CfPrP¶PμPSPSC‡. P'PëPIC-P»CHbPSPμPSPëPNë NO P°PeC,PëPICfC" C,,PμCñPjPμPSC,
PiCfP°PSC-P»P°C,C‡PëPeP»P°P·Cf, C%Ps C†C,PëPjCfP»CñC" Pïc-PrPIPëC%PμPSPSC‡
CñC-PIPSC‡ C†PëPeP»C-C‡PSPsPiPs PiCfP°PSPsP·PëPSPjPsPSPsC,,PsC†C,,P°C,Cf (C†P"PhPα),
PIPëPeP»PëPeP°C" CñPsP·C†P»P°P±P»PμPSPSC‡ PiP»P°PrPePsC— PjCfC†PeCfP»P°C,CfCñPë
PeP°PIPμCñPSPsP·PSPëC... C,C-P» C,P° C†PïcñPëC‡C" PïcñPëC,PsPeCf PeCñPsPIC-.

PŸPëP»PrPμPSP°C,,C-P» C" PïPsC,CfP¶PSPëPj C,P° C†PμP»PμPeC,PëPIPSPëPj
C-PSPiC-P±C-C,PsCñPsPj C†P"PhPα-C†PïPμC†PëC,,C-C‡PSPsC—
C,,PsC†C,,PsPrC-PμC†C,PμCñP°P·PëB B B B B B B B 5 (PαP"P·5) Cf PeP°PIPμCñPSPsP·PSPëC...
C,C-P»P°C..., PrPμ PαP"P·5 PIC-PrPiPsPIC-PrP°C" P·P° CñPsP·PiP°Pr C†P"PhPα. P·C,,PμPeC,Pë
C†PëP»PrPμPSP°C,,C-P»Cf PSP° PμCñPμPeC†C-Cñ PjP°CñC,CHb PïPμCñPëC,,PμCñPëC‡PSPëPNë
C...P°CñP°PeC,PμCñ. PŸPëP»PrPμPSP°C,,C-P» PSPμ C‡PëPSPëC,CHb
P±PμP·PiPsC†PμCñPμPrPSCñPsC— CñPμP»P°PeC†P°C†C-PNëPSPsC— PrC-C— PSP°
C-P·PsP»CHbPsPIP°PSC- PeP°PIPμCñPSPsP·PSC- C,C-P»P° P»CñPrPëPSPë, P°P»Pμ
PïPsC,CfP¶PSPs PïPsC†PëP»CñC" CñPsP·C†P»P°P±P»CñPIP°P»CHbPSCf PrC-Cñ NO PSP° C†Cñ
C,PeP°PSPëPSCf. PμCñPë P°PeC,PëPIP°C†C-C— PjPμC,P°P±PsP»C-C‡PSPsPiPs CëP»C‡C...Cf
NO/C†P"PhPα, C%Ps PIC-PrP±C†PIP°P°C,CñC†C‡ PïcñPë C†PμPeC†CfP°P»CHbPSC-PNë
C†C,PëPjCfP»C‡C†C-C—, C-PSPiC-P±C†PIP°PSPSC‡ C†PëP»PrPμPSP°C,,C-P»PsPj PαP"P·5
C†PïcñPëC‡PëPSC‡C" Pïc-PrPIPëC%PμPSPSC‡ CñC-PIPSC‡ C†P"PhPα Cf
PeP°PIPμCñPSPsP·PSPëC... C,C-P»P°C.... PŸP°PePëPj C‡PëPSPsPj, PrP»C‡ C,PsPiPs, C%PsP±
Pïc-C†P»C‡ P·P°C†C,PsC†C†PIP°PSPSC‡ C†PëP»PrPμPSP°C,,C-P»Cf PIPëPSPëPe
PSPμPsP±C...C-PrPSPëPNë C,,P°CñPjP°PePsP»PsPiC-C‡PSPëPNë PμC,,PμPeC,,
PSPμPsP±C...C-PrPSPμ C†PμPeC†CfP°P»CHbPSPμ P·P±CfPrP¶PμPSPSC‡.

P"PsC†P»C-PrP¶PμPSPSC‡ in vitro PïcñPsPrPμPjPsPSC†C,CñCfPIP°P»Pë, C%Ps
C†PëP»PrPμPSP°C,,C-P» C" C†PμP»PμPeC,PëPIPSPëPj PrPs PαP"P·5, C%Ps P±PμCñPμ
P°PeC,PëPIPSCf C†C‡P°C†C,CHb Cf PïcñPsC†PμC†C- PμCñPμPeC†C-C—. P·C,,PμPeC,
C†PëP»PrPμPSP°C,,C-P»Cf PSP° PαP"P·5 PïPsC,CfP¶PSC-CëPëPNë, PSC-P¶ PSP° C-PSCëC-
PIC-PrPsPjC- C,,PsC†C,,PsPrC-PμC†C,PμCñP°P·Pë. PïPμPNë PμC,,PμPeC, Cf 10 CñP°P·C-PI
PïPsC,CfP¶PSC-CëPëPNë, PSC-P¶ PμC,,PμPeC, PSP° PαP"P·6, C%Ps P±PμCñPμ C†C‡P°C†C,CHb Cf
PïcñPsC†PμC†P°C... C,,PsC,PsPïPμCñPμC,PIPsCñPμPSPSC‡ Cf C†C-C,PeC-PIC†C-. PμCñPë
P·P°C†C,PsC†C†PIP°PSPSC- PjP°PeC†PëPjP°P»CHbPSPëC... CñPμPePsPjPμPSPPrPsPIP°PSPëC...
PrPsP· C†PμP»PμPeC,PëIPSC-C†C,CHb C†PëP»PrPμPSP°C,,C-P»Cf PrPs PαP"P·5 Cf 80
CñP°P·C-PI PïPμCñPμPIPëC%C†C" PNëPsPiPs C†PμP»PμPeC,PëIPSC-C†C,CHb PrPs PαP"P·1, Cf
700 CñP°P·C-PI PIPëC%P°, PSC-P¶ PrPs PαP"P·2, PαP"P·3, PαP"P·4, PαP"P·7, PαP"P·8,
PαP"P·9, PαP"P·10 C,P° PαP"P·11. P—PsPeCñPμPjP°, C†PμP»PμPeC,PëIPSC-C†C,CHb
C†PëP»PrPμPSP°C,,C-P»Cf PrPs PαP"P·5 Cf 4000 CñP°P·C-PI PïPμCñPμPIPëC%C†C" PNëPsPiPs
C†PμP»PμPeC,PëIPSC-C†C,CHb PrPs PαP"P·3 бñ" C†PñPhPα-C†PïPμC†PëC,,C-C‡PSPsC—
C-P·PsC,,PsCñPjPë C,,PsC†C,,PsPrC-PμC†C,PμCñP°P·Pë, C%Ps P±PμCñPμ C†C‡P°C†C,CHb Cf
CñPμPiCfP»C‡C†C-C— C†PμCñC†PμIPsC— C†PePsCñPsC,P»PëIPsC†C,C-.

PαP°CñPjP°PePsPeC-PSPμC,PëPeP°.

PñP±C†PsCñP±C†C-C‡. PŸPëP»PrPμPSP°C,,C-P» CëPIPëPrPePs P°P±C†PsCñP±C†C"C,CHbC†C‡.
PhP°PeC†PëPjP°P»CHbPSC- PïP»P°P·PjPsPIC- PePsPSC†PμPSC,CñP°C†C-C— PïcñPμPiP°CñP°C,Cf
PrPsC†C‡PiP°CñC,CHbC†C‡ PïcñPsC,C‡PiPsPj 30бñ"120 C...PIPëP»PëPS (C-P·
PjPμPrC-P°PSPsCñ 60 C...PIPëP»PëPS) Pïc-C†P»C‡ PNëPsPiPs PïPμCñPsCñP°P»CHbPSPsPiPs
P·P°C†C,PsC†C†PIP°PSPSC‡ PSP°C,C%Pμ. PŸPμCñPμPrPSC‡ P°P±C†PsP»CñC,PSP°
P±C-PsPrPsC†C,C†PïPSC-C†C,CHb Pïc-C†P»C‡ PïPμCñPsCñP°P»CHbPSPsPiPs

СГГ,Р°PSPsPIPëC,CH ПГГГПëP±P»PëP·PSPs 4 PiPsPrPëPSPë.

Р'PëPIPµPrPµPSPSCЦ. Р—Р°PiP°P»CHPSPëPNë PeP»C-ГГРµPSCГГ ГГРëP»PrPµPSP°C,,C-P»Cr
СГГ,Р°PSPsPIPëC,CH 41 Р»/PiPsPr, Р·CrPjPsPIP»CHCHC±Pë PiPµГГГC-PsPr PNëPsPiPs
PSP°PiC-PIPIPëPIPµPrPµPSPSCЦ C,ГГРëPIP°P»C-СГГ,CH 3БГГ"5 PiPsPrPëPS. ПГРë PiC-ГГР»CЦ
PiPµГГГPsГГР°P»CHPSPsPiPs, C,Р°Pe C- PiC-ГГР»CЦ PIPSCГГ,ГГГC-СëPSCHPsPiPµPSPSPsPiPs
Р·Р°СГГ,PsСГГCrPIP°PSPSCЦ РµPeСГГPeГГРµCГC-СЦ ГГРëP»PrPµPSP°C,,C-P»Cr Cr
PIPëPiP»CЦPrC- PjPµC,Р°P±PsP»C-C,C-PI Р·PrC-PNëСГГPSCГГ"С,CHCГГCЦ PiPsP»PsPIPSPëPj
C±PëPSPsPj C-Р· PeP°P»PsPj (PiГГРëP±P»PëP·PSPs 80 % PIPµPrPµPSPsC—
PiPµГГГPsГГР°P»CHPSPsC— PrPsP·Pë) C,Р° PjPµPSCëPsCH PjC-ГГГPsCH Р·C- ГГРµC±PµCH
(PiГГРëP±P»PëP·PSPs 13 % PIPµPrPµPSPsC— PiPµГГГPsГГР°P»CHPSPsC— PrPsP·Pë).

РµР°ГГРjР°PePsPeC-PSPµC,PëPeP° Cз PsСГГPs±P»PëPIPëC... PiГГГCзPi PiP°CГC-C"PSC,C-PI.

РµР°CГC-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCr. Pj Р·PrPsГГГPsPIPëC...
PrPsP±ГГГPsPiPsP»CHCГC-PI P»C-C,PSCHPsPiPs PIC-PeCr (PIC-PePsPj PIC-Pr 65 ГГГPsPeC-PI)
PIC-PrP·PSP°C±P°P»PsСГГCЦ Р·PSPëPµPµPSPSCЦ PeP»C-ГГРµPSCГГCr
ГГРëP»PrPµPSP°C,,C-P»Cr, C%Ps Р·CrPjPsPIP»CHPIP°P»Ps PiC-PrPIPëC%PµPSPSCЦ
PiP»P°P·PjPsPIPëC... PePsPSCГPµPSC,ГГР°CГC-PNë СГГРëP»PrPµPSP°C,,C-P»Cr C,Р° PNëPsPiPs
Р°PeC,PëPIPSPsPiPs N-PrPµPjPµC,PëP»CHPsPIP°PSPsPiPs PjPµC,Р°P±PsP»C-C,Cr
PiГГРëP±P»PëP·PSPs PSP° 90 % PiPsГГГC-PIPSCЦPSPs Р· PIC-PrPiPsPIC-PrPSPëPjPë
PePsPSCГPµPSC,ГГР°CГC-СЦPjPë Cr Р·PrPsГГГPsPIPëC... PrPsP±ГГГPsPiPsP»CHCГC-PI
PjPsP»PsPrCëPsPiPs PIC-PeCr (18БГГ"45 ГГГPsPeC-PI). Pj Р·PiБГГ™ CЦP·PeCr Р· PIC-PePsPIPëPjPë
PIC-PrPjC-PSPSPсГГC,СЦPjPë Cr Р·PiБГГ™ CЦP·CrPIP°PSPSC- Р· P±C-P»PeP°PjPë PiP»P°P·PjPë
PeГГГPsPIC- PIC-PrPiPsPIC-PrPSPµ PiC-PrPIPëC%PµPSPSCЦ PiP»P°P·PjPsPiPsC—
PePsPSCГPµPSC,ГГР°CГC-C— PIC-P»CHPSPsPiPs СГГРëP»PrPµPSP°C,,C-P»Cr
СГГ,Р°PSPsPIPëP»Ps PiГГРëP±P»PëP·PSPs 40 %.

РкPëГГPePsPIP° PSPµPrPsСГГ,Р°C,PSC-СГГ,CH. Pj PrPsP±ГГГPsPiPsP»CHCГC-PI C-Р·
PiPsГГГCrCëPµPSPSCЦPjPë C,,CrPSPeCГC-C— PSPëГГPsPe P»PµPiPePsPiPs C,Р°
PiPsPjC-ГГГPsPiPs СГГ,CrPiPµPSCЦ (PeP»C-ГГРµPSCГГ PeГГРµP°C,PëPSC-PSCr 30БГГ"80
PjP»/C...PI) C,,Р°ГГРjР°PePsPeC-PSPµC,PëPeP° СГГРëP»PrPµPSP°C,,C-P»Cr
Р·Р°P»PëCëP°P»Р°СГГCЦ PSPµP·PjC-PSPµPSPsCH PiC-СГР»CЦ PNëPsPiPs
PsPrPSPsГГР°P·PsPiPsPiPs PiPµГГГPsГГР°P»CHPSPsPiPs Р·Р°СГГ,PsСГГCrPIP°PSPSCЦ Cr
PrPsP·C- 50 PjPi. PÿPµГГРµPrPSC- AUC C,Р° C_{max} N-PrPµPjPµC,PëP»CHPsPIP°PSPsPiPs
PjPµC,Р°P±PsP»C-C,Cr PiC-PrPIPëC%CrPIP°P»PëСГГCЦ PSP° 126 % C,Р° 73 %
PIC-PrPiPsPIC-PrPSPs PiPsГГГC-PIPSCЦPSPs Р· C,Р°PePëPjPë PiPsPeP°P·PSPëPeP°PjPë Cr
PrPsP±ГГГPsPiPsP»CHCГC-PI C,Р°PePsPiPs Pµ PIC-PeCr P±PµP· PiPsГГГCrCëPµPSCH
C,,CrPSPeCГC-C— PSPëГГPsPe. PhPrPSP°Pe C±PµГГРµP· PIPëСГГPsPeCr
C-PSPPrëPIC-PrCrP°P»CHPSCr PIP°ГГГC-Р°P±PµP»CHPSC-СГГ,CH CГC-
PIC-PrPjC-PSPSPсГГC,C- PSPµ P±CrP»Pë СГГ,Р°C,PëСГГC,PëC±PSPs Р·PSP°C±CrC%PëPjPë.

Pj PrPsP±ГГГPsPiPsP»CHCГC-PI C-Р· C,СЦPµPePëPjPë PiPsГГГCrCëPµPSPSCЦPjPë
C,,CrPSPeCГC-C— PSPëГГPsPe (PeP»C-ГГРµPSCГГ PeГГРµP°C,PëPSC-PSCr PSPëPµC±Pµ 30
PjP»/C...PI) PeP»C-ГГРµPSCГГ СГГРëP»PrPµPSP°C,,C-P»Cr Р·PSPëPµCГРIP°PICГГCЦ, C%Ps
СГГPiГГРëC±PëPSCЦP»Ps СГГРµГГРµPrPSC" PiC-PrPIPëC%PµPSPSCЦ AUC C,Р° C_{max} PSP° 100 %
C,Р° 88 % PIC-PrPiPsPIC-PrPSPs PiPsГГГC-PIPSCЦPSPs C-Р· PrPsP±ГГГPsPiPsP»CHCГCЦPjPë
C,Р°PePsPiPs Pµ PIC-PeCr P±PµP· PiPsГГГCrCëPµPSCH C,,CrPSPeCГC-C— PSPëГГPsPe.
РлГГГC-Pj C,PsPiPs, Р·PSP°C±PµPSPSCЦ AUC C,Р° C_{max} N-PrPµPjPµC,PëP»CHPsPIP°PSPsPiPs
PjPµC,Р°P±PsP»C-C,Cr Р·PSP°C±CrC%Pµ PiC-PrPIPëC%CrPIP°P»PëСГГCЦ БГГ" PSP° 200 % C,Р°
79 % PIC-PrPiPsPIC-PrPSPs.

- PŸC,P°PSPë, PiCĤjPë CĤPePëC... PSPµ CĤjPµPePsPjPµPSPPrPsPIP°PSP°
CĤ'PµPeCĤ'CrP°P»CHbPSP° P°PeC,PëPIPSC-CĤ'C,CHb (PSP°PiCĤjPëPeP»P°Pr, C,CĤP¶PeC-
CĤ'PµCĤjC†PµPIPs-CĤ'CrPrPëPSPSC- CĤjPsP·P»P°PrPë, C,P°PeC- CĤPe PSPµCĤ'C,P°P±C-P»CHbPSP°
CĤ'C,PµPSPsPeP°CĤjPrC-CĤ P°P±Ps CĤ'PµCĤjC†PµPIP° PSPµPrPsCĤ'C,P°C,PSC-CĤ'C,CHb

C, CIP¶PePsPiPs CÍC, CíPíPµPSCÍ).

- P°C, CĤP°C, P° P·PsCĤCí PSP° PsPrPSPµ PsPePs PIPSP°CÍP»C-PrPsPe
PSPµP°CĤC, PµCĤC-P°P»CHBPSPsC— PíPµCĤPµPrPSCĤPsC— C-C€PµPjC-C‡PSPsC—
PSPµPICĤPsPíP°C, C-C— P·PsCĤPsPiPsPSPµCĤPIP°, PSPµP·P°P»Pµ¶PSPs PIC-Pr C, PsPiPs,
PíPsPiBĤ™ CIP·P°PSP° C†CÍ PíP°C, PsP»PsPiC-CÍ C-P· PíPsPíPµCĤPµPrPSC-Pj
P·P°CÍC, PsCÍCíPíP°PSPSCÍPj C-PSPiC-P±C-C, PsCĤC-PI PαP”P·5 C‡Pě PSC-.

- PkP°CÍPIPSC-CÍC, CH C, P°PePěC... P·P°C... PIPsCĤCĤPIP°PSCĤ: PíPsCĤCíC€PµPSPSCÍ
C,, CíPSPeC†C-C— PíPµC‡C-PSPePě C, CIP¶PePsPiPs CÍC, CíPíPµPSCÍ,
P°CĤC, PµCĤC-P°P»CHBPSP° PiC-PíPsC, PµPSP·C-CÍ (P°CĤC, PµCĤC-P°P»CHBPSPěPNē C, PěCÍPe
PSPěP¶C‡Pµ 90/50 PjPj CĤC,, CÍC,,), PSPµC%oPsPrP°PIPSPs PíPµCĤPµPSPµCÍPµPSPěPNē
C-PSCÍCíP»CHC, P°P±Ps C-PSC,, P°CĤPeC, PjC-PsPeP°CĤPrP° C, P° CÍPíP°PrPePsPIC-
PrPµPíPµPSPµCĤP°C, PěPIPSC- P·P°C... PIPsCĤCĤPIP°PSPSCÍ CÍC-C, PeC-PIPePě, C, P°PeC- CÍPe
PíC-PíPjPµPSC, PSPěPNē CĤPµC, PěPSC-C, (PSPµPIPµP»PěPeP° PeC-P»CHPeC-CÍC, CH
C, P°PePěC... PíP°C†C-C”PSC, C-PI PjP°C” PíPµPSPµC, PěC‡PSC- CĤPsP·P»P°PrPě
C,, PsCÍC,, PsPrC-PµCÍC, PµCĤP°P· CÍC-C, PeC-PIPePě), BĤ” PsCÍPeC-P»CHPePě P±PµP·PíPµPeP°
CÍPěP»PrPµPSP°C,, C-P»Cí PSPµ PrPsCÍP»C-PrP¶CíPíP°P»P°CÍCÍ Cí CĤP°P·C- C, P°PePěC...
P·P°C... PIPsCĤCĤPIP°PSCĤ.

**P’P·P°C”PjPsPrC-CÍ P· C-PSC€PěPjPě P»C-PeP°CĤCÍCHPePěPjPě P·P°CÍPsP±P°PjPě C, P°
C-PSC€C- PIPěPrPě PIP·P°C”PjPsPrC-PNē.**

P·C,, PµPeC, Pě C-PSC€PěC... P»C-PeP°CĤCÍCHPePěC... P·P°CÍPsP±C-PI PSP°
CÍPěP»PrPµPSP°C,, C-P»

P”PsCÍP»C-PrP¶PµPSPSCÍ in vitro

PĤPµC, P°P±PsP»C-P·Pj CÍPěP»PrPµPSP°C,, C-P»Cí PIC-PrP±CíPIP°C”C, CHCÍCÍ
PíPµCĤPµPIP°P¶PSPs P·P° CíC‡P°CÍC, CĤ C-P·PsC,, PsCĤPjPě 3PĤ4 (PíPsP»PsPIPSPěPNē
C€P»CÍC...) C, P° C-P·PsC,, PsCĤPjPě 2PŸ9 (PrCĤCíPíPsCĤCÍPrPSPěPNē C€P»CÍC...) C†PěC, PsC... CĤPsPjCí P 450 (CYP). PŸPsPjCí C-PSPiC-P±C-C, PsCĤPě C†PěC...
C-P·PsC,, PµCĤPjPµPSC, C-PI PjPsP¶CíC, CH P·PSPěP¶CíPIP°C, Pě PeP»C-CĤPµPSCÍ
CÍPěP»PrPµPSP°C,, C-P»Cí, P° C-PSPrCíPeC, PsCĤPě C†PěC... C-P·PsC,, PµCĤPjPµPSC, C-PI
PjPsP¶CíC, CH PíC-PrPIPěC%oCíPIP°C, Pě PeP»C-CĤPµPSCÍ CÍPěP»PrPµPSP°C,, C-P»Cí.

P”PsCÍP»C-PrP¶PµPSPSCÍ in vivo

PµPsPíCíP»CÍC†C-PNēPSPěPNē C,, P°CĤPjP°PePsPeC-PSPµC, PěC‡PSPěPNē P°PSP°P»C-P·
PrP°PSPěC... PeP»C-PSC-C‡PSPěC... PrPsCÍP»C-PrP¶PµPSCĤ
PíCĤPsPrPµPjPsPSCÍC, CĤCíPíP°PI P·PSPěP¶PµPSPSCÍ PeP»C-CĤPµPSCÍCí
CÍPěP»PrPµPSP°C,, C-P»Cí PíCĤPě PNēPsPiPs PsPrPSPsC‡P°CÍPSPsPjCí
P·P°CÍC, PsCÍCíPíP°PSPSC- P· C-PSPiC-P±C-C, PsCĤP°PjPě CYP3A4 (C, P°PePěPjPě CÍPe
PePµC, PsPePsPSP°P·PsP», PµCĤPěC, CĤPsPjC-C†PěPS, C†PěPjPµC, PěPrPěPS). PÍPsC‡P° PíCĤPě
PsPrPSPsC‡P°CÍPSPsPjCí P·P°CÍC, PsCÍCíPíP°PSPSC- CÍPěP»PrPµPSP°C,, C-P»Cí C, P°
C-PSPiC-P±C-C, PsCĤC-PI CYP3A4 P·CĤPsCÍC, P°PSPSCÍ C‡P°CÍC, PsC, Pě PíPsP±C-C‡PSPěC...
CÍPIPěC%o PSPµ CÍPíPsCÍC, PµCĤC-PíP°P»PsCÍCÍ, CÍP»C-Pr CĤPsP·PíP»CÍPSCíC, Pě
PjPsP¶P»PěPIC-CÍC, CH P·P°CÍC, PsCÍCíPíP°PSPSCÍ PíPsC‡P°C, PePsPiPsC— PrPsP·Pě
CÍPěP»PrPµPSP°C,, C-P»Cí 25 PjPi.

PĤPrPSPsC‡P°CÍPSPµ P·P°CÍC, PsCÍCíPíP°PSPSCÍ C-PSPiC-P±C-C, PsCĤP° P’P†P·-

$P\ddot{Y}P\ddot{P} \gg PrP\mu PSP^{\circ}C, „C-P \gg B\ddot{T}“ \quad C\acute{I}P \gg P^{\circ}P \pm PeP\ddot{e}PN_{\Sigma} \quad C-PSPiC-P \pm C-C, PsC\ddot{T} \quad C-P \cdot PsC, „PsC\ddot{T}Pj \quad 1P\ddot{h}2, \quad 2C9, \quad 2C19, \quad 2D6, \quad 2E1 \quad C, P^{\circ} \quad 3P\ddot{h}4 \quad C \dagger P\ddot{e}C, PsC...C\ddot{T}PjPsPjC\acute{r} \quad P \quad 450 \quad (P \dagger P_{\Sigma_{50}} > 150 \quad PjPePjPsP \gg CHb).$
 $P\ddot{h}C\acute{I}PeC-P \gg CHbPeP\ddot{e} \quad P\ddot{i}C-PePsPIC- \quad P\ddot{i}P \gg P^{\circ}P \cdot PjPsPIC- \quad PePsPSC \dagger P\mu PSC, C\ddot{T}P^{\circ}C \dagger C-C-$
 $C\acute{I}P\ddot{e}P \gg PrP\mu PSP^{\circ}C, „C-P \gg C\acute{r} \quad PrPsC\ddot{T}C-PIPSC\ddot{h}C\ddot{h}C, CHb \quad P\ddot{i}C\ddot{T}P\ddot{e}P \pm P \gg P\ddot{e}P \cdot PSPs \quad B \quad B \quad B \quad B \quad B \quad B \quad B \quad 1$

PjPePjPsP»CH, PIPiP»PëPI PíCḡPμPíP°CḡP°C,Cr PSP° PeP»C-CḡPμPSCÍ CÍCrP±CÍC,CḡP°C,C-PI C†PëC... C-P·PsC,,PμCḡPjPμPSC,C-PI PjP°P»PsPNëPjPsPIC-CḡPSPëPNë.

P'C-PrCÍCrC,PSC- PrP°PSC- C%PsPrPs PIP·P°C"PjPsPrC-C— CÍPëP»PrPμPSP°C,,C-P»Cr C- C,P°PePëC... PSPμCÍPíPμC†PëC,,C-C†PSPëC... C-PSPiC-P±C-C,PSCḡC-PI C,,PsCÍC,,PsPrC-PμCÍC,PμCḡP°P·Pë, C†Pe C,PμPsC,,C-P»C-PS C,P° PrPëPiC-CḡPëPrP°PjPsP».

P"PsCÍP»C-PrP¶PμPSPSC¶ in vivo

PhCÍPeC-P»CHPePëB B PIC-PrPsPjPs,B B B C%PsB B CÍPëP»PrPμPSP°C,,C-P»B B PjP°C"B B PIPiP»PëPI B B PSP° B B PjPμC,P°P±PsP»C-P·Pj B NO/C†P"PhPα, P±CÍP»Ps PICÍC,P°PSPsPIP»PμPSPs, C%Ps CÍPëP»PrPμPSP°C,,C-P» PiPsC,PμPSC†C-CḡC" PiC-PiPsC,PμPSP·PëPIPSCr PrC-Cḡ PSC-C,CḡP°C,C-PI, C,PSPjCr PNëPsPiPs PsPrPSPsC†P°CÍPSPμ P·P°CÍC,PSCÍCrPIP°PSPSC¶ P· PrPsPSPsCḡP°PjPë PsPeCÍPëPrCr P°P·PsC,Cr P°P±Ps P· PSC-C,CḡP°C,P°PjPë Cr P±CÍPrCH-C†PeC-PNë C,,PsCḡPjC- PíCḡPsC,PëPiPsPeP°P·P°PSPμ (PrPëPI. CḡPsP·PrC-P» B«PμCḡPsC,PëPiPsPeP°P·P°PSPSC¶B»).

P C-PsC†PëPiC¿P°C,. P"PsPeP»C-PSC-C†PSC- PrPsCÍP»C-PrP¶PμPSPSC¶ PíCḡPsPrPμPjPsPSCÍC,CḡCrPIP°P»Pë P°PrPëC,PëPIPSPëPNë CÍPëCÍC,PμPjPSPëPNë PμC,,PμPeC, P·PSPëP¶PμPSPSC¶ P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëCÍPeCr PíCḡPë PsPrPSPsC†P°CÍPSPsPjCr P·P°CÍC,PSCÍCrPIP°PSPSC- C-PSPiC-P±C-C,PSCḡC-PI PαP"P·5 P· CḡC-PsC†PëPiCrP°C,PSPj. PḡP»C-PSC-C†PSC- PrPsCÍP»C-PrP¶PμPSPSC¶ PíCḡPsPrPμPjPsPSCÍC,CḡCrPIP°P»Pë, C%Ps CḡC-PsC†PëPiCrP°C, PiPsCÍPëP»CḡC" PiC-PiPsC,PμPSP·PëPIPSCr PrC-Cḡ C-PSPiC-P±C-C,PSCḡC-PI PαP"P·5.

PJ PíP°C†C-C"PSC,C-PI, C†PeC- P±CḡP°P»Pë CrC†P°CÍC,CH Cr PrPsCÍP»C-PrP¶PμPSPSC-, PSPμ CÍPiPsCÍC,PμCḡC-PiP°P»PsCÍCH PiPsP·PëC,PëPIPSPsPiPs PeP»C-PSC-C†PSPsPiPs PμC,,PμPeC,Cr PIC-Pr PsPrPSPsC†P°CÍPSPsPiPs P·P°CÍC,PSCÍCrPIP°PSPSC¶ C-PSPiC-P±C-C,PSCḡC-PI PαP"P·5 P· CḡC-PsC†PëPiCrP°C,PSPj. PμCḡPsC,PëPiPsPeP°P·P°PSPμ PsPrPSPsC†P°CÍPSPμ P·P°CÍC,PSCÍCrPIP°PSPSC¶ CḡC-PsC†PëPiCrP°C,Cr P· C-PSPiC-P±C-C,PSCḡP°PjPë PαP"P·5 (Cr C,PSPjCr C†PëCÍP»C- P·C- CÍPëP»PrPμPSP°C,,C-P»PsPj) (PrPëPI. CḡPsP·PrC-P»B B«PμCḡPsC,PëPiPsPeP°P·P°PSPSC¶B»).

PhPrPSPsC†P°CÍPSPμ P·P°CÍC,PSCÍCrPIP°PSPSC¶ CÍPëP»PrPμPSP°C,,C-P»Cr C,P° P±P»PsPeP°C,PSCḡC-PI α-P°PrCḡPμPSPsCḡPμC†PμPiC,PSCḡC-PI PjPsP¶Pμ PíCḡPëP·PIPμCÍC,Pë PrPs CḡPsP·PIPëC,PeCr CÍPëPjPiC,PSPjP°C,PëC†PSPsC— PiC-PiPsC,PμPSP·C-C— Cr PrPμC†PePëC... CÍC...PëP»CHPSPëC... PrPs C†CHPsPiPs PíP°C†C-C"PSC,C-PI. PýP°PeP° CḡPμP°PeC†C-C† PSP°PNëC†P°CÍC,C-C€Pμ PIPëPSPëPeP°P»P° PíCḡPsC,C†PiPsPj 4 PiPsPrPëPS PíC-CÍP»C¶ P·P°CÍC,PSCÍCrPIP°PSPSC¶ CÍPëP»PrPμPSP°C,,C-P»Cr (PrPëPI. CḡPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PSCÍCrPIP°PSPSC¶B» C,P° B«PýPiPsCÍC-P± P·P°CÍC,PSCÍCrPIP°PSPSC¶ C,P° PrPsP·PëB»). PJ PíCḡPsC†PμCÍC- 3 PrPsCÍP»C-PrP¶PμPSCḡ CÍPiPμC†PëC,,C-C†PSPsC— PIP·P°C"PjPsPrC-C— P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI P±P»PsPeP°C,PSCḡ α-P°PrCḡPμPSPsCḡPμC†PμPiC,PSCḡC-PI PrPsPeCÍP°P·PsP·PëPS (4 PjPi C,P° 8 PjPi) C,P° CÍPëP»PrPμPSP°C,,C-P» (25 PjPi, 50 PjPi C,P° 100 PjPi) P·P°CÍC,PSCÍPsPICrPIP°P»Pë PsPrPSPsC†P°CÍPSPs PíP°C†C-C"PSC,P°Pj C-P· PrPsP±CḡPsC†PeC-CÍPSPsCḡ PiC-PiPμCḡPíP»P°P·C-C"ḡ PíPμCḡPμPrPjC-C...CrCḡPsPiPsC— P·P°P»PsP·Pë, CÍC,P°P±C-P»C-P·P°C†C-C† CÍC,P°PSCr C†PePëC... P±CÍP»P° PrPsCÍC†PiPSCrC,P° PíCḡPë P·P°CÍC,PSCÍCrPIP°PSPSC- PrPsPeCÍP°P·PsP·PëPSCr. PJ C†PëC... PiPsPiCrP»C†C-C†C... CÍPiPsCÍC,PμCḡC-PiP°P»PsCÍC¶ CÍPμCḡPμPrPSC" PrPsPrP°C,PePsPiPμ P·PSPëP¶PμPSPSC¶ P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëCÍPeCr Cr PiPsP»PsP¶PμPSPSC- P»PμP¶P°C†Pë PSP° 7/7 PjPj CḡC,. CÍC,.. 9/5 PjPj CḡC,. CÍC,. C,P° 8/4 PjPj CḡC,. CÍC,. C,P° CÍPμCḡPμPrPSC" P·PSPëP¶PμPSPSC¶ P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PëCÍPeCr Cr PiPsP»PsP¶PμPSPSC-

PŸPëP»PrPµPSP°C,,C-P» Cr PrPsP·C- 100 PjPi PSPµ PIPiP»PëPIP°PI PSP°
C,,P°CŦPjP°PePsPeC-PSPµC,PëC±PSC- PïPsPeP°P·PSPëPePë C-PSPiC-P±C-C,PsCŦC-PI P'P†P>.

РісСрС,РмР°Р·Рө, СГР°РөРІС-РSP°РІС-СГСр С,Р° СГРөС,РSPSP°РІС-СГСр, СІРөС- С”
СГСрР±СГС,СГР°С,Р°РјРө СYP3A4.

PJ P·PrPsCГPsPIPөC... PrPsP±CГPsPIPsP»CHC†C-PI C‡PsP»PsPIC-C‡PsC— СГС,Р°С,С-
Р·Р°СГС,РScГСрРІР°PSPSCІ СГРөР»PrPмPSP°С,,С-Р»Ср Ср СГС-PIPsPIP°P¶PSPsPjСр
СГС,Р°PSC- (80 РјРі 3 СГР°Р·Р·Рө PSP° PrPsP±Ср) РісСрөР·PIPsPrPөР»Ps PrPs
РіС-PrPIPөC‰РмPSPSCІ AUC С,Р° C_{max} Р±PsСГРмPSC,Р°PSCр (125 РјРі 2 СГР°Р·Р·Рө PSP°
PrPsP±Ср) PSP° 49,8 % С,Р° 42 % PIC-PrPіPsPIC-PrPSPs.

P”PsPrP°PIP°PSPSCІ PsPrPSPsCГР°Р·PsPIPsC— PrPsP·Рө СГРөР»PrPмPSP°С,,С-Р»Ср PrPs
СГР°РөСрР±С-С,СГРөР»Ср / РІР°Р»СГР°СГС,Р°PSCр Ср СГС-PIPsPIP°P¶PSPsPjСр СГС,Р°PSC-
Ср РіР°С†С-С”PSC,С-PI Р· Р°СГС,РмСГС-Р°Р»CHPSPsCГ РіС-РіРмСГС,РмPSP·С-С”СГ Р±СрР»Ps
РіPsPI’CІР·Р°PSPм Р·С- Р·PSP°С‡PSPs Р±С-Р»CHC€ РІөСГР°Р·РмPSPөРј Р·PSPөР¶РмPSPSCІРј
Р°СГС,РмСГС-Р°Р»CHPSPsPiPs С,РөСГРөСр РіPsCГС-PIPsCІPSPs Р· РісСрөРмPsPjPsPj
С,С-Р»CHPөРө СГР°РөСрР±С-С,СГРөР»Ср/РІР°Р»СГР°СГС,Р°PSCр. РјР°РөРөРј С‡РөPSPsPj,
СГР»С-Pr PrPsC,СГРөРјСрРІР°С,РөСГСІ PsP±РмСГРмP¶PSPsСГС,С- РісСрө РіPsC‡Р°С,РөСр
Р·Р°СГС,РScГСрРІР°PSPSCІ СГРөР»PrPмPSP°С,,С-Р»Ср Ср РіР°С†С-С”PSC,С-PI, СІРөС-
PsC,СГРөРјСрСГС,СГ Р»С-РөСрРІР°PSPSCІ
СГР°РөСрР±С-С,СГРөР»PsPj/РІР°Р»СГР°СГС,Р°PSPsPj.

PhCГPsP±P»PөPIPsCГС,С- Р·Р°СГС,РScCГPІР°PSPSCІ.

P”Ps РіPsC‡Р°С,РөСр С,РмСГР°РіС-С— СГР»С-Pr Р·С-Р±СГР°С,Рө РјРмPrPөС‡PSPөРм
Р°PSP°РјPSPм· РіР°С†С-С”PSC,Р° С,Р° РісСрPsPIPмCГС,Рө С,,С-Р·РөРөР°Р»CHPSPм
PsP±СГС,РмP¶РмPSPSCІ PrP»CІ PrC-Р°РіPSPsCГС,РөРөРө РмСГРмРөС,РөР»CHPSPsC—
PrPөCГС,,CрPSPөС†С-С— С,Р° РІөР·PSP°С‡РмPSPSCІ С-С— РјPsP¶P»PөPIPөC...
РісСрөС‡РөPS.

*Р»Р°РөРөС,РScCГРө СГРөР·РөРөС CГРмСГС†РмPIPs-CГC†PrPөPSPSPөC...
Р·Р°С...PIPsCГСРІР°PSCГ*

PhCГРөС-Р»CHPөРө СГРмРөСГСрР°Р»CHPSP° Р°РөС,РөPIPsC-СГС,СГ
СГСрРісСрPsPIPsPrP¶CГС”С,СГСГСІ РіРмPIPsPөРј СГРөР·РөРөРөРј Р· Р±PsРөСр СГРмСГС†CІ,
PrPs РіPsC‡Р°С,РөСр Р±СрPrCH-СІРөPsPiPs Р»С-РөСрРІР°PSPSCІ РмСГРмРөС,РөР»CHPSPsC—
PrPөCГС,,CрPSPөС†С-С— Р»С-РөР°СГ РјР°С” PsC†С-PSPөС,Рө СГС,Р°PS СГРмСГС†РмPIPs-
СГСрPrPөPSPSPsC— СГРөCГС,РмРјРө РіР°С†С-С”PSC,Р°. РјРөР»PrPмPSP°С,,С-Р»
С‡РөPSPөС,СГ СГСрPrPөPSPsCГPs·C€РөСГСРІР°Р»CHPSCр PrC-СГ, С‰Ps
РісСрScІРІР»CІC”С,СГСГСІ Р»РмРіРөРөРј С,Р° РөPsCГPsC,РөPsC‡Р°СГPSPөРј
Р·PSPөР¶РмPSPSCІРј Р°СГС,РмСГС-Р°Р»CHPSPsPiPs С,РөСГРөСр. P”Ps
РісСрөР·PSP°С‡РмPSPSCІ СГРөР»PrPмPSP°С,,С-Р»Ср Р»С-РөР°СГ РјР°С” СГРмС,РмР»CHPSPs
Р·РІР°Р¶PөС,Рө, С‡Рө РјPsP¶Рм С,Р°РөРөРөРм РмС,,РмРөС, PSPмCГРісСрөCІC,Р»PөPIPs
PIPіР»PөPIP°С,Рө PSP° РіР°С†С-С”PSC,С-PI С-Р· РіРмPIPsPөРјРө PsCГPSPsPIPsPөРјРө
Р·Р°С...PIPsCГСРІР°PSPSCІРјРө, PsCГPsP±P»PөPIPs Ср РөPsPjР±С-PSP°С†С-С— С-Р·
СГРмРөСГСрР°Р»CHPSPsCГ Р°РөС,РөPIPsC-СГС,СГ. P”Ps РіР°С†С-С”PSC,С-PI С-Р·
РіС-PrPIPөC‰РмPSPsCГ С‡СрС,Р»PөPIC-СГС,СГ PrPs РІР°Р·PsPrPөР»CІC,Р°С,РScCГ-PI
PSP°Р»РмP¶Р°С,СГ РіР°С†С-С”PSC,Рө С-Р· PsP±СГС,СГСрРөС†С-С”СГ РІөPIC-PrPSPsPiPs
С,СГР°РөС,Ср Р»С-PIPsPiPs C€Р»CрPSPsC‡РөР° (PSP°РісСрөРөР»Р°Р, СГС,РмPSPs·
Р°PsCГС,Рө, РіС-РіРмСГС,СГPsC,,С-С‡PSP° PsP±СГС,СГСрРөС,РөPIPsP°
РөР°СГPrC-PsPjC-PsPіР°С,С-СІ) С,Р° РіР°С†С-С”PSC,Рө С-Р· СГС-PrРөС-СГPSPөРј
СГРөPSPPrCГPsPjPsPj РјСрР»CHC,РөСГРөCГС,РмРјPSPsC— Р°С,СГPsC,,С-С—, PsPrPSPөРј С-Р·

PhPrPSPsC≠P°CÍPSPμ P·P°CÍC,PsCÍC¿PIP°PSPSCÍ P· C-PSC€PëPjPë C-PSPiC-P±C-C,PsCÍP°PjPë
PαP°P·5 P°P±Ps C-PSC€PëPjPë PiCÍPμPiP°CÍP°C,P°PjPë PrP»CÍ P»C-PeC¿PIP°PSPSCÍ
PμCÍPμPeC,PëP»CHBPSPsC— PrPëCÍC„C¿PSPeC†C-C—

P'PμP·PīPμPeP° C,P° PμC,,PμPeC,PēPIPSC-Cl'C,CH PsPrPSPsC‡P°Cl'PSPsPiPs
P·P°Cl'C,PsCl'CrPIP°PSPSClI Cl'PēP»PrPμPSP°C,,C-P»Cr P· C-PSC€PēPjPē
C-PSPIc-P±C-C,PsCḡP°PjPē PαP''P•5 P°P±Ps C-PSC€PēPjPē PīCḡPμPīP°CḡP°C,P°PjPē PrP»ClI
P»C-PeCrPIP°PSPSClI PiC-PīPμCḡC,PμPSP·C-C— P»PμPīPμPSPμPIPsC— P°CḡC,PμCḡC-C—,
ClIPeC- PjC-Cl'C,ClIc,CH Cl'PēP»PrPμPSP°C,,C-P», C‡Pē P· C-PSC€PēPjPē
PīCḡPμPīP°CḡP°C,P°PjPē PrP»ClI P»C-PeCrPIP°PSPSClI PμCḡPμPeC,PēP»CHPSPsC—
PrPēCl'C,,CrPSPeC‡C-C— PSPμ PIPēPIC‡P°P»PēCl'ClI. PŷPsPjCr P·P°Cl'C,PsCl'CrPIP°PSPSClI
C,P°PePēC... PePsPjP±C-PSP°C‡C-PNē PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPμ.

P'PīP»PēPI PSP° P·C-Cḡ

PμPsPIC-PrPsPjP»ClI»PsCl'CH PīCḡPs PIPēPSPēPePSPμPSPSClI PrPμC,,PμPeC,C-PI P·PsCḡCr
C,P° PIPēPīP°PrPePē PSPμP°CḡC,PμCḡC-P°P»CHPSPsC— PīPμCḡPμPrPSCḡPsC—
C-C€PμPjC-C‡PSPsC— PSPμPICḡPsPīP°C,C-C— P·PsCḡPsPIPsPiPs PSPμCḡPIP° Cr
P·PIBḡ™ ClI·PeCr C-P· P·P°Cl'C,PsCl'CrPIP°PSPSClI Pj Cl'PēP»PrPμPSP°C,,C-P»Cr C,P°
C-PSC€PēC... C-PSPIc-P±C-C,PsCḡC-PI PαP''P•5 (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC-
CḡPμP°PeC‡C-C—B»). PμP°C‡C-C''PSC,C-PI Cl'P»C-Pr PīPsPīPμCḡPμPrPēC,Pē, C%oPs Cr
CḡP°P·C- CḡP°PīC,PsPIPsPiPs PīPsCḡCrC€PμPSPSClI P·PsCḡCr P·P°Cl'C,PsCl'CrPIP°PSPSClI
PīCḡPμPīP°CḡP°C,Cr Cl'P»C-Pr PīCḡPēPīPēPSPēC,Pē C,P° PSPμPīP°PNēPSPs
P·PIPμCḡPSCrC,PēCl'ClI PrPs P»C-PeP°CḡClI (PrPēPI. CḡPsP·PrC-P»
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSClI»).

PhPrPSPsC‡P°Cl'PSPμ P·P°Cl'C,PsCl'CrPIP°PSPSClI P· CḡPēC,PsPSP°PIC-CḡPsPj

PhPrPSPsC‡P°Cl'PSPμ P·P°Cl'C,PsCl'CrPIP°PSPSClI Cl'PēP»PrPμPSP°C,,C-P»Cr C,P°
CḡPēC,PsPSP°PIC-CḡCr PSPμ CḡPμPePsPjPμPSPPrCrC''C,CHCl'ClI (PrPēPI. CḡPsP·PrC-P»
B«P'P·P°C''PjPsPrC-ClI P· C-PSC€PēPjPē P»C-PeP°CḡCl'CHPePēPjPē P·P°Cl'PsP±P°PjPē C,P°
C-PSC€C- PIPēPrPē PIP·P°C''PjPsPrC-PNēB»).

*PhPrPSPsC‡P°Cl'PSPμ P·P°Cl'C,PsCl'CrPIP°PSPSClI P· P±P»PsPeP°C,PsCḡP°PjPē α-
P°PrCḡPμPSPsCḡPμC‡PμPīC,PsCḡC-PI*

PμP°C‡C-C''PSC,P°Pj, ClIPeC- P·P°Cl'C,PsCl'PsPICrCḡC,CH P±P»PsPeP°C,PsCḡPē α-
P°PrCḡPμPSPsCḡPμC‡PμPīC,PsCḡC-PI, P·P°Cl'C,PsCl'PsPICrPIP°C,Pē Cl'PēP»PrPμPSP°C,,C-P»
Cl'P»C-Pr P· PsP±PμCḡPμP¶PSC-Cl'C,Cḡ, PsCl'PeC-P»CHPePē C,P°PeP° PePsPjP±C-PSP°C‡C-ClI
PjPsP¶Pμ PīCḡPēP·PIPμCl'C,Pē PrPs Cl'PēPjPīC,PsPjP°C,PēC‡PSPsC— PiC-PīPsC,PμPSP·C-C— Cr
PrPμClIPePēC... Cl'C...PēP»CHPSPēC... PrPs C‡CHPsPiPs PīP°C‡C-C''PSC,C-PI.
PŷPēPjPīC,PsPjP°C,PēC‡PSP° PiC-PīPsC,PμPSP·C-ClI P·P°P·PIPēC‡P°PNē PIPēPSPēPeP°C''
PīCḡPsC,ClIPiPsPj 4 PiPsPrPēPS PīC-Cl'P»ClI P·P°Cl'C,PsCl'CrPIP°PSPSClI
Cl'PēP»PrPμPSP°C,,C-P»Cr. PŷPsPjCr PrPs PīPsC‡P°C,PeCr P·P°Cl'C,PsCl'CrPIP°PSPSClI
Cl'PēP»PrPμPSP°C,,C-P»Cr PiPμPjPsPrPēPSP°PjC-C‡PSC- PīPsPeP°P·PSPēPePē PīP°C‡C-C''PSC,P°
PīCḡPē C,PμCḡP°PīC-C— P±P»PsPeP°C,PsCḡP°PjPē α-P°PrCḡPμPSPsCḡPμC‡PμPīC,PsCḡC-PI
PjP°CḡC,CH P±CrC,Pē Cl'C,P°P±C-P»CHPSPēPjPē. PŷP»C-Pr CḡPsP·PīP»ClIPSCrC,Pē
PjPsP¶P»PēPIC-Cl'C,CH P·P°Cl'C,PsCl'CrPIP°PSPSClI PīPsC‡P°C,PePsPIPsC— PrPsP·Pē
Cl'PēP»PrPμPSP°C,,C-P»Cr 25 PjPi (PrPēPI. CḡPsP·PrC-P» B«PŷPīPsCl'C-P±
P·P°Cl'C,PsCl'CrPIP°PSPSClI C,P° PrPsP·PēB»). PḡCḡC-Pj C,PsPiPs, PīPsC,CḡC-P±PSPs
PīCḡPsC-PSC,,PsCḡPjCrPIP°C,Pē PīP°C‡C-C''PSC,C-PI, ClIPe PrC-ClIc,Pē Cr CḡP°P·C-
PīPsClIPIPē Cl'PēPjPīC,PsPjC-PI PsCḡC,PsCl'C,P°C,PēC‡PSPsC— PiC-PīPsC,PμPSP·C-C—.

P'PīP»PēPI PSP° PeCḡPsPIPsC,PμC‡Cž

P''PsCl'P»C-PrP¶PμPSPSClIB B C,CḡPsPjP±PsC‡PēC,C-PI B P»CHPrPēPSPē

$$P \propto P_{\mu} C \hbar C, P \ddot{e} P \gg C \hbar P S C - C \dot{\Gamma} C, C \hbar$$

$$\text{P}\mu\text{C}\eta\text{P}\ddot{\text{e}}\text{PSP}\mu\text{PsP}\pm\text{C}\dots\text{C-PrPSPsC}\overset{\cdot}{\text{C}},\text{C-}\ddot{\text{P}}\text{iC}\eta\text{P}\mu\ddot{\text{P}}\text{iP}^{\circ}\text{C}\eta\text{P}^{\circ}\text{C},\text{P}'\text{C-PIP}^{\circ}\text{PN}_{\infty}\text{C}\eta\text{P}^{\circ}\text{C}\overset{\cdot}{\text{C}}\text{P}\gg\text{C-Pr}$$

P·P°CÍ'C,PsCÍ'PsPICrPIP°C,Pë P·P° 1 PiPsPrPëPSCr PrPs CÍ'PµPeCÍ'CrP°P»CHbPSPsC—
P°PeC,PëPIPSsCÍ'C,C-. P PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P° CÍ'C,P°PSPsPIPeC,CH 50 PjPi.
PhCÍ'PeC-P»CHbPePë PiCtjPë PsPrPSPsC†P°CÍ'PSPsPjCr P·P°CÍ'C,PsCÍ'CrPIP°PSPSC-
PiCtjPµPiP°CtjP°C,Cr P·C—P¶PµCt PIC-PrP±CÍ'PIP°C''C,CHbCÍ'Cl P·P°C,CtjPëPjPeP°
P°P±CÍ'PsCtjP±C†C-C— C,P° CrPiPsPIC-P»CHbPSCtC''C,CHbCÍ'Cl PµC,,PµPeC,
PiCtjPµPiP°CtjP°C,Cr (PrPëPI. CtjPsP·PrC-P» B«PαP°CtjPjP°PePsPeC-PSPµC,PëPeP°B»),
CtjPµPePsPjPµPSPPrPsPIP°PSPs P·P°CÍ'C,PsCÍ'PsPICrPIP°C,Pë PiCtjPµPiP°CtjP°C, PSP°C,C%oPµ.

P—P°P»PµP¶PSPs PIC-Pr PµC,,PµPeC,PëPIPSsCÍ'C,C- C,P° PiPµCtjPµPSPsCÍ'PëPjPsCÍ'C,C-
PrPsP·Cr PiCtjPµPiP°CtjP°C,Cr PjPsP¶PSP° P·P±C-P»CHbCëPëC,Pë PrPs 100 PjPi P°P±Ps
P·PjPµPSCëPëC,Pë PrPs 25 PjPi*. PëP°PeCÍ'PëPjP°P»CHbPSP° CtjPµPePsPjPµPSPPrPsPIP°PSP°
PrPsP·P° CÍ'C,P°PSPsPIPeC,CH 100 PjPi.

PëP°PeCÍ'PëPjP°P»CHbPSP° CtjPµPePsPjPµPSPPrPsPIP°PSP° C†P°CÍ'C,PsC,P°
P·P°CÍ'C,PsCÍ'CrPIP°PSPSCl PiCtjPµPiP°CtjP°C,Cr CÍ'C,P°PSPsPIPeC,CH 1 CtjP°P· PSP°
PrPsP±CÍ'.

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

PkPµPsP±C...C-PrPSC-CÍ'C,CH Cr PePsCtjPµPeC†C-C— PrPsP·Pë PiP°C†C-C''PSC,P°Pj
P»C-C,PSCHbPsPiPs PIC-PeCÍ' (PIC-PePsPj PIC-Pr 65 CtjPsPeC-PI) PIC-PrCÍ'CrC,PSCl.

PµP°C†C-C''PSC,Pë P·PSPëCtjPePsPIPsCt PSPµPrPsCÍ'C,P°C,PSC-CÍ'C,Ct

P''P»Cl PiP°C†C-C''PSC,C-PI C-P·PSPëCtjPePsPIPsCt PSPµPrPsCÍ'C,P°C,PSC-CÍ'C,Ct
P»PµPiPePsPiPs C,P° PiPsPjC-CtjPSPsPiPs CÍ'C,CrPiPµPSCl C,ClP¶PePsCÍ'C,C-
(PeP»C-CtjPµPSCÍ' PeCtjPµP°C,PëPSC-PSCr 30Btj''80 PjP»/C...PI) CtjPµPePsPjPµPSPPrPsPIP°PSP°
PrPsP·P° PiCtjPµPiP°CtjP°C,Cr C'' C,P°PePsCt P¶, ClPe PSP°PIPµPrPµPSPs PIPeC%oPµ Cr
CtjPsP·PrC-P»C- B«P''PsCtjPsCÍ'P»C-B».

PhCÍ'PeC-P»CHbPePë Cr PiP°C†C-C''PSC,C-PI P·PSPëCtjPePsPIPsCt
PSPµPrPsCÍ'C,P°C,PSC-CÍ'C,Ct C,ClP¶PePsPiPs CÍ'C,CrPiPµPSCl (PeP»C-CtjPµPSCÍ'
PeCtjPµP°C,PëPSC-PSCr < 30 PjP»/C...PI) PeP»C-CtjPµPSCÍ' CÍ'PëP»PrPµPSP°C,,C-P»Cr
P·PSPëP¶PµPSPëPñ, CÍ'P»C-Pr CtjPsP·PiP»ClPSCrC,Pë PjPsP¶P»PëPIC-CÍ'C,CH
P·P°CÍ'C,PsCÍ'CrPIP°PSPSCl PrPsP·Pë B B B B B 25 PjPi*. P—P°P»PµP¶PSPs PIC-Pr
PµC,,PµPeC,PëPIPSsCÍ'C,C- C,P° PiPµCtjPµPSPsCÍ'PëPjPsCÍ'C,C- PiCtjPµPiP°CtjP°C,Cr PiCtjPë
PSPµPsP±C...C-PrPSPsCÍ'C,C- PrPsP·Cr PjPsP¶PSP° PiPsCÍ'C,CrPiPsPIPs P·P±C-P»CHbCëPëC,Pë
PrPs 50 PjPi C,P° PrPs 100 PjPi.

PµP°C†C-C''PSC,Pë P·PiPµC†C-PSPePsPIPsCt PSPµPrPsCÍ'C,P°C,PSC-CÍ'C,Ct

PhCÍ'PeC-P»CHbPePë Cr PiP°C†C-C''PSC,C-PI C-P·PiPµC†C-PSPePsPIPsCt
PSPµPrPsCÍ'C,P°C,PSC-CÍ'C,Ct (PSP°PiCtjPëPeP»P°Pr, C-P·C†PëCtjPsP·PsPj) PeP»C-CtjPµPSCÍ'
CÍ'PëP»PrPµPSP°C,,C-P»Cr P·PSPëP¶PµPSPëPñ, CÍ'P»C-Pr CtjPsP·PiP»ClPSCrC,Pë
PjPsP¶P»PëPIC-CÍ'C,CH P·P°CÍ'C,PsCÍ'CrPIP°PSPSCl PrPsP·Pë 25 PjPi*. P—P°P»PµP¶PSPs PIC-Pr
PµC,,PµPeC,PëPIPSsCÍ'C,C- C,P° PiPµCtjPµPSPsCÍ'PëPjPsCÍ'C,C- PiCtjPµPiP°CtjP°C,Cr PiCtjPë
PSPµPsP±C...C-PrPSPsCÍ'C,C- PrPsP·Cr PjPsP¶PSP° PiPsCÍ'C,CrPiPsPIPs P·P±C-P»CHbCëPëC,Pë
PrPs 50 PjPi C,P° PrPs 100 PjPi.

*PµP°C†C-C''PSC,Pë, ClPeC- P·P°CÍ'C,PsCÍ'PsPICéCtC,CH C-PSCëC- P»C-PeP°CtjCÍ'CHbPeC-
P·P°CÍ'PsP±Pë*

PiPeC%oPs PiP°C†C-C''PSC,Pë PsPrPSPsC†P°CÍ'PSPs P·P°CÍ'C,PsCÍ'PsPICrCtC,CH

C-PSPIc-P±C-C,PsCḡPë CYP3A4 (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C''PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNëB»), CḡP»C-Pr CḡPsP·PiP»CḡPSCrC,Pë PjPsPḡP»PëPIC-CḡC,CH P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PİPsCḡP°C,PePsPIPsC— PrPsP·Pë 25 PjPi* (P·P° PIPëPSCḡC,PePsPj CḡPëC,PsPSP°PIC-CḡCḡ, P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPePsPiPs PsPrPSPsCḡP°CḡPSPs P·C- CḡPëP»PrPµPSP°C,,C-P»PsPj PSPµ CḡPµPePsPjPµPSPrCḡC''C,CHCḡCḡ, PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

PḡPµCḡPµP· CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ PİPsCḡC,CḡCḡP°P»CHPSPsC— PiC-PİPsC,PµPSP·C-C— Cḡ PİP°CḡC-C''PSC,C-PI, CḡPeC- P·P°CḡC,PsCḡPsPICḡCḡC,CH P±P»PsPeP°C,PsCḡPë α-P°PrCḡPµPSPsCḡPµCḡPµPiC,PsCḡC-PI, PrPs PİPsCḡP°C,PeCḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPëP»PrPµPSP°C,,C-P»Cḡ CḡP»C-Pr CḡPİPµPIPSPëC,PëCḡCḡ, C%Ps C—C...PSC-PNë CḡC,P°PSB CḡC,P°P±C-P»CHPSPëPNë. PḡP°PePsPḡ PİPsC,CḡC-P±PSPs CḡPsP·PiP»CḡPSCrC,Pë PjPsPḡP»PëPIC-CḡC,CH P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PİPsCḡP°C,PePsPIPsC— PrPsP·Pë 25 PjPi* (PrPëPI. CḡPsP·PrC-P»Pë B«P'P·P°C''PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNëB» C,P° B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

*B P—P°CḡC,PsCḡPsPICḡPIP°C,Pë Cḡ PIC-PrPİPsPIC-PrPSPsPjCḡ PrPsP·CḡPIP°PSPSC-.

P''C-C,Pë.

PµCḡPµPİP°CḡP°C, PSPµ PİPsPeP°P·P°PSPëPNë PrPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PsCḡPsP±P°Pj PIC-PePsPj PrPs 18 CḡPsPeC-PI.

PµPµCḡPµPrPsP·CḡPIP°PSPSCḡ.

Pj PİCḡPsCḡPµCḡC- PeP»C-PSC-CḡPSPëC... PrPsCḡP»C-PrPḡPµPSCḡ P·P° CḡCḡP°CḡC,CH PrPsCḡPsCḡP»PëC... PrPsP±CḡPsPIPsP»CHCḡC-PI PİC-CḡP»Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PsPrPSPsCḡP°P·PsPIPsC— PrPsP·Pë CḡPëP»PrPµPSP°C,,C-P»Cḡ PrPs 800 PjPi PİPsP±C-CḡPSC- CḡPµP°PeCḡC-C— P±CḡP»Pë PİPsPrC-P±PSPëPjPë PrPs C,PëC..., C%Ps CḡPİPsCḡC,PµCḡC-PİP°P»PëCḡCḡ PİCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC- CḡPëP»PrPµPSP°C,,C-P»Cḡ Cḡ PSPëPḡCḡPëC... PrPsP·P°C..., P°P»Pµ PIPëPSPëPeP°P»Pë CḡP°CḡC,C-CḡPµ C,P° P±CḡP»Pë P±C-P»CHCḡ C,CḡPḡPePëPjPë. P—P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPëP»PrPµPSP°C,,C-P»Cḡ Cḡ PrPsP·C- 200 PjPi PSPµ PİCḡPëP·PIPsPrPëP»Ps PrPs PİC-PrPIPëC%PµPSPSCḡ PµC,,PµPeC,PëPIPsPSCḡC,C-, P°P»Pµ CḡPİCḡPëCḡPëPSCḡP»Ps P·CḡPsCḡC,P°PSPSCḡ PeC-P»CHPePsCḡC,C- PIPëPİP°PrPeC-PI CḡPsP·PIPëC,PeCḡ PİPsP±C-CḡPSPëC... CḡPµP°PeCḡC-PNë (PİPsP»PsPIPsPİPs P±PsP»CH, PİCḡPëPİP»PëPIC-PI PeCḡPsPIC-, P·P°PİP°PjPsCḡPsCḡPµPSPSCḡ, PrPëCḡPİPµPİCḡC-C—, P·P°PeP»P°PrPµPSPsCḡC,C- PSPsCḡP°, PİPsCḡCḡCḡPµPSCḡ P· P±PsPeCḡ PsCḡPİP°PSC-PI P·PsCḡCḡ).

Pj CḡP°P·C- PİPµCḡPµPrPsP·CḡPIP°PSPSCḡ PİCḡPë PSPµPsP±C...C-PrPSPsCḡC,C- PIPrP°CḡC,CHCḡCḡ PrPs P·PIPëCḡP°PNëPSPëC... PİC-PrC,CḡPëPjCḡPIP°P»CHPSPëC... P·P°C...PsPrC-PI. PµCḡPëCḡPePsCḡPµPSPSCḡ PeP»C-CḡPµPSCḡCḡ CḡPëP»PrPµPSP°C,,C-P»Cḡ PİCḡPë PİPµPjPsPrC-P°P»C-P·C- PjP°P»PsPNëPjPsPIC-CḡPSPµ CḡPµCḡPµP· PIPëCḡPsPePëPNë CḡC,CḡPİC-PSCḡ P·PİBḡ™ CḡP·CḡPIP°PSPSCḡ PİCḡPµPİP°CḡP°C,Cḡ P· P±C-P»PeP°PjPë PİP»P°P·PjPë PeCḡPsPIC- C,P° PIC-PrCḡCḡC,PSC-CḡC,CH PµP»C-PjC-PSP°CḡC-C— CḡPëP»PrPµPSP°C,,C-P»Cḡ C-P· CḡPµCḡPµCH.

PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—.

PμCḡPsC,,C-P»CH P±PμP·PīPμPePē CÍPēP»PrPμPSP°C,,C-P»CÍ P±P°P·CÍC”C,CHCÍCÍ PSP° PrP°PSPēC..., PsC,CḡPēPjP°PSPēC... C-P· 74 PīPsPrPIC-PN°PSPēC... CÍP»C-PīPēC... PīP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPēC... PeP»C-PSC-C‡PSPēC... PrPsCÍP»C-PrP¶PμPSCH (9570 PīP°C†C-C”PSC,C-PI). PḡP°PN°C‡P°CÍC,C-C€Pμ PīPsPIC-PrPsPjP»CÍP»PsCÍCÍ PīCḡPs C,P°PeC- PīPsP±C-C‡PSC- CḡPμP°PeC†C-C—, CÍPe PīPsP»PsPIPSPēPN° P±C-P»CH, PīCḡPēPīP»PēPIPē PeCḡPsPIC-, PrPēCÍPīPμPīCÍC-CÍ, P·P°PeP»P°PrPμPSC-CÍC,CH PSPsCÍP°, P±C-P»CH CÍ CÍPīPēPSC-, P·P°PīP°PjPsCḡPsC‡PμPSPSCÍ, PSCÍPrPsC,P°, PīCḡPēPīP»PēPIPē P¶P°CḡCÍ, PīPsCḡCÍC€PμPSPSCÍ P·PsCḡCÍ, C†C-P°PSPsPīCÍC-CÍ C,P° P·P°C,CHPjP°CḡPμPSPSCÍ P·PsCḡCÍ. P†PSC,,PsCḡPjP°C†C-CÍ C°PsPrPs PīPsP±C-C‡PSPēC... CḡPμP°PeC†C-PN° CÍ CḡP°PjPeP°C... PīPsCÍC,PjP°CḡPePμC,PēSPiPsPIPsPīPs CÍPīPsCÍC,PμCḡPμP¶PμPSPSCÍ P±CÍP»P° P·C-P±CḡP°PSP° PīCḡPsC,CÍPiPsPj PīPμCḡC-PsPrCÍ C,CḡPēPIP°P»C-CÍC,Cḡ P±C-P»CHC€Pμ PSC-P¶ 10 CḡPsPeC-PI. PhCÍPeC-P»CHPePē P·P°CÍPIPSPēPePsPIC- PīPsPIC-PrPsPjP»CÍP»PsCÍCÍ PSPμ PīCḡPs PICÍC- PīPsP±C-C‡PSC- CḡPμP°PeC†C-C— C,P° PSPμ PICÍC- PīPsP±C-C‡PSC- CḡPμP°PeC†C-C— P±CÍP»Pē PīPeP»CḡC‡PμPSC- PI P±P°P·CÍ PrP°PSPēC... P· P±PμP·PīPμPePē, C‡P°CÍC,PsC,P° C,P°PePēC... CḡPμP°PeC†C-PN° PSPμ PjPsP¶Pμ P±CÍC,Pē PrPsCÍC,PsPIC-CḡPSPs PIPēP·PSP°C‡PμPSP°.

PjCÍC- PeP»C-PSC-C‡PSPs P·PSP°C‡CÍC°C- PīPsP±C-C‡PSC- CḡPμP°PeC†C-C—, C°Ps CÍPīPsCÍC,PμCḡC-PiP°P»PēCÍCÍ PīC-Pr C‡P°CÍ PeP»C-PSC-C‡PSPēC... PrPsCÍP»C-PrP¶PμPSCH C‡P°CÍC,C-C€Pμ, PSC-P¶ PīCḡPē P·P°CÍC,PsCÍCÍPIP°PSPSC- PīP»P°C†PμP±Ps, PSP°PIPμPrPμPSPs PSPēP¶C‡Pμ P·P° CÍPēCÍC,PμPjP°PjPē PsCḡPiP°PSC-PI C,P° C‡P°CÍC,PsC,PsCḡ: PrCÍP¶Pμ C‡P°CÍC,Ps (≥1/10), C‡P°CÍC,Ps (≥1/100 вḡ” <1/10), PSPμC‡P°CÍC,Ps (≥1/1000 вḡ” <1/100), CḡC-PrPePs (≥1/10000 вḡ” <1/1000), PrCÍP¶Pμ CḡC-PrPePs (<1/10000), C‡P°CÍC,PsC,P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±CÍC,Pē PICÍC,P°PSPsPIP»PμPSP° PIPēC...PsPrCÍC‡Pē P· PSP°CÍPIPSPēC... PrP°PSPēC...). PḡP°CÍC,PsC,P° PeP»C-PSC-C‡PSPs P·PSP°C‡CÍC°PēC... PīPsP±C-C‡PSPēC... CḡPμP°PeC†C-PN°, PīCḡPs CÍPeC- PīPsPIC-PrPsPjP»CÍP»PsCÍCÍ CÍ CḡP°PjPeP°C... PīPsCÍC,PjP°CḡPePμC,PēSPiPsPIPēC... CÍPīPsCÍC,PμCḡPμP¶PμPSCH, PIPēP·PSP°C‡PμPSP° CÍPe PSPμPIC-PrPsPjP°. Pj PjPμP¶P°C... PePsP¶PSPsC— PīCḡCÍPīPē P·P° C‡P°CÍC,PsC,PsCḡ PīPsP±C-C‡PSC- CḡPμP°PeC†C-C— PSP°PIPμPrPμPSC- CÍ PīPsCḡCÍPrPeCÍ P·PjPμPSC€PμPSPSCÍ C—C... CÍPμCḡPN°PsP·PSPsCÍC,C-.

P†PSC,,PμPeC†C-PN°PSC- C,P° C-PSPIP°P·PēPIPS- P·P°C...PIPsCḡCḡPIP°PSPSCÍ

PḡPμC‡P°CÍC,Ps: CḡPēPSC-C,.

P— P±PsPeCž C-PjCžPSPSPsC— CÍPēCÍC,PμPjPē

PḡPμC‡P°CÍC,Ps: CḡPμP°PeC†C-C— PīC-PrPIPēC°PμPSPsC— C‡CÍC,P»PēPIPsCÍC,C-.

P— P±PsPeCž PSPμCḡPIPsPIPsC— CÍPēCÍC,PμPjPē

P”CÍP¶Pμ C‡P°CÍC,Ps: PīPsP»PsPIPSPēPN° P±C-P»CH.

PḡP°CÍC,Ps: P·P°PīP°PjPsCḡPsC‡PμPSPSCÍ.

PḡPμC‡P°CÍC,Ps: CÍPsPSP»PēPIC-CÍC,CH, PīC-PīPμCÍC,PμP·C-CÍ.

P C-PrPePs: C-PSCÍCíP»CHC,, CÍPëPSPePsPíPµ, C,CḡP°PSP·PëC,PsCḡPSP° C-CëPµPjC-C‡PSP°
P°C,P°PeP°, CÍCíPrPsPjPë, CḡPµC‡PëPrPëPIPë CÍCíPrPsPj.

P— P±PsPeCż PsCḡPiP°PSC-PI P·PsCḡCż

PŞP°CÍC,Ps: PíPsCḡCíCëPµPSPSCÍ CÍPíCḡPëPNëPSCÍC,C,CÍ PëPsP»CHPsCḡCí*,
CḡPsP·P»P°PrPë P·PsCḡCí, P·P°C,CHPjP°CḡPµPSPSCÍ P·PsCḡCí.

PḡPµC‡P°CÍC,Ps: CḡPsP·P»P°PrPë CÍP»CHPsP·PsPIPëPrC-P»PµPSPSCÍ**, P±C-P»CH PI
PsC‡P°C..., C,,PsC,PsC,,PsP±C-CÍ, C,,PsC,PsPíCÍC-CÍ, PiC-PíPµCḡPµPjC-CÍ PsC‡PµPNë,
CÍCÍPëCḡP°PIC-CÍC,CH P·PsCḡCí, PëPsPSḡḡ™ CḡPSPeC,PëPIC-C,.

P C-PrPePs: PSPµP°CḡC,PµCḡC-P°P»CHPSP° PíPµCḡPµPrPSCÍ C-CëPµPjC-C‡PSP°
PSPµPNëCḡPsPíP°C,C-CÍ P·PsCḡPsPIPsPíPs PSPµCḡPIP°, PsPeP»CHP·C-CÍ CÍCíPrPëPS
CÍC-C,PeC-PIPePë, CḡPµC,PëPSP°P»CHPSPëPNë PeCḡPsPIPsPIPëP»PëPI,
P°CḡC,PµCḡC-PsCÍPëP»PµCḡPsC,PëC‡PSP° CḡPµC,PëPSPsPíP°C,C-CÍ, PíPsCḡCíCëPµPSPSCÍ
P· P±PsPeCí CÍC-C,PeC-PIPePë, PiP»P°CíPePsPjP°, PrPµC,,PµPeC,Pë PíPsP»CÍ P·PsCḡCí,
PrPëPíP»PsPíC-CÍ, P·PSPëP¶PµPSPSCÍ PiPsCÍC,CḡPsC,Pë P·PsCḡCí, PjC-PsPíC-CÍ,
P°CÍC,PµPSPsPíC-CÍ, PíP»P°PIP°CḡC‡C- PíPsPjCíC,PSC-PSPSCÍ CÍPëP»PëCÍC,PsPíPs
C,C-P»P°, PíPsCḡCíCëPµPSPSCÍ P· P±PsPeCí CḡP°PNëPrCíP¶PSPsC— PsP±PsP»PsPSPePë,
PjC-PrCḡC-P°P, PíPsCÍPIP° CÍCÍCḡC‡PëC... PeCḡCíPiC-PI PSP°PIPePsP»Ps PrP¶PµCḡPµP»P°
CÍPIC-C,P»P° (PiP°P»Ps) Cí PíPsP»C- P·PsCḡCí, PSP°P±CḡCÍPe PsC‡PµPNë,
PíCḡPëPíCíC...P»C-CÍC,CH PsC‡PµPNë, PíPsCḡCíCëPµPSPSCÍ P· P±PsPeCí PsC‡PµPNë,
PiC-PíPµCḡPµPjC-CÍ PePsPSḡḡ™ CḡPSPeC,PëPIPë, PíPsPrCḡP°P·PSPµPSPSCÍ PsC‡PµPNë,
P°PSPsPjP°P»CHPSC- PIC-PrC‡CíC,C,CÍ PI PsC‡P°C..., PSP°P±CḡCÍPe PíPsPIC-Pe,
P·PSPµP±P°CḡPIP»PµPSPSCÍ CÍPëP»PµCḡPë.

*P— P±PsPeCż PsCḡPiP°PSC-PI CÍP»CżC...Cż C,P° PIPµCÍC,PëP±CżP»CÍCḡPSPsPíPs
P°PíP°CḡP°C,Cż*

PḡPµC‡P°CÍC,Ps: P·P°PíP°PjPsCḡPsC‡PµPSPSCÍ, PIPµCḡC,PëPiPs, PrP·PIC-PS Cí PICíC...P°C....

P C-PrPePs: PiP»CíC...PsC,P°.

P— P±PsPeCż CÍPµCḡC‡PµPIPs-CÍCżPrPëPSPSPsC— CÍPëCÍC,PµPjPë

PŞP°CÍC,Ps: PíCḡPëPíP»PëPIPë PeCḡPsPIC- PrPs PsP±P»PëC‡C‡CÍ, PíCḡPëPíP»PëPIPë
P¶P°CḡCí.

PḡPµC‡P°CÍC,Ps: C,P°C...C-PeP°CḡPrC-CÍ, PíPsCÍPëP»PµPSPµ CÍPµCḡC‡PµP±PëC,C,CÍ,
P°CḡC,PµCḡC-P°P»CHPSP° PiC-PíPµCḡC,PµPSP·C-CÍ, P°CḡC,PµCḡC-P°P»CHPSP°
PiC-PíPsC,PµPSP·C-CÍ.

P C-PrPePs: CḡP°PíC,PsPIP° CÍPµCḡC‡PµPIP° CÍPjPµCḡC,CH, C-PSC,,P°CḡPeC,
PjC-PsPeP°CḡPrP°, CëP»CíPSPsC‡PePsPIP° P°CḡPëC,PjC-CÍ, C,,C-P±CḡPëP»CÍC‡C-CÍ
PíPµCḡPµPrCÍPµCḡPrCH, PSPµCÍC,P°P±C-P»CHPSP° CÍC,PµPSPsPeP°CḡPrC-CÍ.

*P— P±PsPeCż PrPëC...P°P»CHPSPsC— CÍPëCÍC,PµPjPë, PiCḡCżPrPSPsC— PeP»C-C,PePë C,P°
CÍPµCḡPµPrPsCÍC,C-PSPSCÍ*

PŞP°CÍC,Ps: P·P°PeP»P°PrPµPSC-CÍC,CH PSPsCÍP°.

PḡPµC‡P°CÍC,Ps: PSPsCÍPsPIP° PeCḡPsPIPsC,PµC‡P°, P·P°PeP»P°PrPµPSC-CÍC,CH

ΠΪCΉPēPrP°C,PePsPIPēC... ΠΪP°P·CfC... PSPScfP°.

P C-PrPePs: PIC-PrC†CfC,C,Cf CfC,PēCfPSPμPSPSCf Cf ΠΪPsCΉP»C-, PSP°P±CΉCfPe CfP»PēP·PsPIPSc— PsP±PsP»PsPSPePē PSPScfP°, CfCfC...C-CfC,CΉ Cf PSPScfC-.

P— P±PsPeCζ CēP»CζPSPePsPIPs-PePēCēPePsPIPsΠΪPs C,CΉP°PeC,Cζ

P§P°CfC,Ps: PSCfPrPsC,P°, PrPēCfΠΪPμΠΪCfC-Cf.

PκPμC†P°CfC,Ps: ΠΪP°CfC,CΉPsPμP·PsC,,P°ΠΪPμP°P»CΉPSP° CΉPμC,,P»CΉPeCfPSP° C...PIPsCΉPsP±P°, P±P»CΉPIP°PSPSCf, P±C-P»CΉ Cf ΠΪPμCΉC...PSC-PNē C†P°CfC,PēPSC-P¶PēPIPsC,P°, CfCfC...C-CfC,CΉ Cf CΉPsC,C-.

P C-PrPePs: ΠΪC-ΠΪPμCfC,PμP·C-Cf CΉPsC,PsPIPsC— ΠΪPsCΉPsP¶PSPēPSPē.

P— P±PsPeCζ CēPeC-CΉPē C,P° ΠΪC-PrCēPeC-CΉPSPSc— PeP»C-C,PePsPIPēPSPē

PκPμC†P°CfC,Ps: PIPēCfPēΠΪP°PSPSCf.

P C-PrPePs: CfPēPSPPrCΉPsPj PŸC,C-ΠΪPμPSCfP°BΉ“P”P¶PsPSCfPsPSP°, C,PsPeCfPēC†PSPēPNē PμΠΪC-PrPμCΉPjP°P»CΉPSPēPNē PSPμPeCΉPsP»C-P·.

P— P±PsPeCζ PsΠΪPsCΉPSPSc-CΉCζC...PsPIPsΠΪPs P°ΠΪP°CΉP°C,Cζ C,P° CfΠΪPsP»CζC†PSPSc— C,PeP°PSPēPSPē

PκPμC†P°CfC,Ps: PjC-P°P»ΠΪC-Cf, P±C-P»CΉ Cf PeC-PSC†C-ΠΪPeP°C....

P— P±PsPeCζ CfPμC†PsPIPēPrC-P»CΉPSPSc— CfPēCfC,PμPjPē

PκPμC†P°CfC,Ps: ΠΪPμPjP°C,CfCΉC-Cf.

P— P±PsPeCζ CΉPμΠΪCΉPsPrCζPeC,PēPIPSPsC— CfPēCfC,PμPjPē C,P° PjPsP»PsC†PSPēC... P·P°P»PsP·

P C-PrPePs: PeCΉPsPIPsC,PμC†P° P·C- CfC,P°C,PμPIPsΠΪPs C†P»PμPSP°, ΠΪCΉC-P°ΠΪC-P·Pj, ΠΪPμPjP°C,PsCfΠΪPμCΉPjC-Cf, ΠΪPsPrPsPIP¶PμPSP° PμCΉPμPeC†C-Cf.

P—P°ΠΪP°P»CΉPSC- CΉPsP·P»P°PrPē C,P° CΉPμP°PeC†C-C— Cζ PjC-CfC†C- ΠΪΠΪPμPrPμPSPSCf

PκPμC†P°CfC,Ps: P±C-P»CΉ Cf ΠΪCΉCfPrCfC..., ΠΪC-PrPIPēC%PμPSP° PIC,PsPjP»CΉPIP°PSC-CfC,CΉ, PIC-PrC†CfC,C,Cf P¶P°CΉCf.

P C-PrPePs: ΠΪPsPrCΉP°P·PSPμPSPSCf.

P>P°P±PsCΉP°C,PsCΉPSC- C,PμCfC,Pē

PκPμC†P°CfC,Ps: ΠΪC-PrPIPēC%PμPSP° C†P°CfC,PsC,P° CfPμCΉC†PμPIPēC... CfPePsCΉPsC†PμPSCΉ.

* B PμPsCΉCfCēPμPSPSCf CfΠΪCΉPēPNēPSCfC,C,Cf PePsP»CΉPsCΉCf: C...P»PsCΉPsΠΪCfC-Cf, C...CΉPsPjP°C,PsΠΪCfC-Cf, C†C-P°PSPsΠΪCfC-Cf, PμCΉPēC,CΉPsΠΪCfC-Cf, PeCfP°PSC,PsΠΪCfC-Cf.

** PμPsCΉCfCēPμPSPSCf CfP»CΉPsP·PsPIPēPrC-P»PμPSPSCf: CfCfC...C-CfC,CΉ ΠΪ

PsC†P°C..., PīPsCḡCfC€PμPSPSCḡ C†P»CHbPsP·PsPIPëPrC-P»PμPSPSCḡ C,P°
PīC-PrPIPëC%PμPSPSCḡ C†P»CHbPsP·PsPIPëPrC-P»PμPSPSCḡ.

PkPëP¶C†PμP·P°P·PSP°C†PμPSC- CḡPIPëC%P° C†PīPsC†C,PμCḡC-PiP°P»PëC†Cḡ C† < 2 %
PīP°C†C-C"°PSC,C-PI C† PīCḡPsC†PμC†C- PePsPSC,CḡPsP»CHbPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCḡ; PīCḡPëC†PëPSPSPëPNë
PIP·P°C"°PjPsP·PIbḡ™ CḡP·PsPe PSPμ PIPëP·PSP°C†PμPSPëPNë. PμPsPIC-PrPsPjP»PμPSPSCḡ
PIPëP»CHC†P°P»Pë CḡPIPëC%P°, C%Ps PjP°P»Pë PIC-CḡPsPiC-PrPSPëPNë P·PIbḡ™ CḡP·PsPe
C-P· P·P°C†C,PsC†C†PIP°PSPSCḡPj PīCḡPμPīP°CḡP°C,C†. PīPIPëC%P°, CḡPeC- PSPμ P±C†P»Pë
P·P°P·PSP°C†PμPSC-, P±C†P»Pë P»PμPiPePëPjPë C,P° PīPsPIC-PrPsPjP»PμPSPSCḡ P±C†P»Pë
PrC†P¶Pμ PSPμC,PsC†PSPëPjPë, C%PsP± PjP°C,Pë P·PSP°C†PμPSPSCḡ.

P—P°PiP°P»CHbPSC-. PkP°P±CḡCḡPe PsP±P»PëC†C†Cḡ, CḡPμP°PeC†C-C—
C,,PsC,PsC†C†C,P»PëPIPSc†C,C-, C€PsPe, P°C†C,PμPSC-Cḡ, P±C-P»CHb, CḡP°PiC,PsPIPμ
PīP°PrC-PSPSCḡ, P±C-P»CHb C† P¶PëPIPSc,C-, CḡP°PiC,PsPIPμ PīPsC€PePsPrP¶PμPSPSCḡ.

P— P±PsPeCž C†PμCḡC†PμPIPs-C†CžPrPëPSPSPsC— C†PëC†C,PμPjPë:
C†C,PμPSPsPeP°CḡPrC-Cḡ, PḡV-P±P»PsPeP°PrP°, PjC-PiCḡPμPSCḡ, PīPsC†C,C†CḡP°P»CHbPSP°
PiC-PīPsC,PμPSP·C-Cḡ, C-C€PμPjC-Cḡ PjC-PsPeP°CḡPrP°, C,CḡPsPjP±PsP· C†C†PrPëPS
PīPsP»PsPIPSPsPiPs PjPsP·PeC†, CḡP°PiC,PsPIP° P·C†PīPëPSPeP° C†PμCḡC†Cḡ,
PIC-PrC...PëP»PμPSPSCḡ PīPsPeP°P·PSPëPeC-PI P·PḡP", PeP°CḡPrC-PsPjC-PsPīP°C,C-Cḡ.

P— P±PsPeCž C€P»CžPSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,Cž: PiP»PsC†PëC,, PePsP»C-C,,
PrPëC†C,,P°PiC-Cḡ, PiP°C†C,CḡPëC,, PiP°C†C,CḡPsPμPSC,PμCḡPëC,, PμP·PsC,,P°PiC-C,,
C†C,PsPjP°C,PëC,, PīPsCḡC†C€PμPSPSCḡ CḡPμP·C†P»CHbC,P°C,C-PI PīPμC†C-PSPePsPIPëC...
PīCḡPsP±, CḡPμPeC,P°P»CHbPSP° PeCḡPsPIPsC,PμC†P°, PiC-PSPiC-PIC-C,.

P— P±PsPeCž C†PëC†C,PμPjPë PeCḡPsPIC- C,P° P»C-PjC,,P°C,PëC†PSPsC— C†PëC†C,PμPjPë:
P°PSPμPjC-Cḡ, P»PμPNëPePsPīPμPSC-Cḡ.

P PsP·P»P°PrPë PjPμC,P°P±PsP»C-P·PjCž C,P° C...P°CḡC†CžPIP°PSPSCḡ: C†PīCḡP°PiP°,
PSP°P±CḡCḡPe, PīPsPrP°PiCḡP°, PSPμC†C,P°P±C-P»CHbPSPëPNë PrC-P°P±PμC,,
PiC-PīPμCḡPiP»C-PePμPjC-Cḡ, PīPμCḡPëC,,PμCḡPëC†PSC- PSP°P±CḡCḡPePë,
PiC-PīPμCḡC†CḡPëPePμPjC-Cḡ, PiC-PīPsPiP»C-PePμPjC-Cḡ, PiC-PīPμCḡPSP°C,CḡC-C"°PjC-Cḡ.

P— P±PsPeCž C†PePμP»PμC,PSPs-Pjēḡ™ CḡP·PsPIPsC— C†PëC†C,PμPjPë: P°CḡC,CḡPëC,,
P°CḡC,CḡPsP·, CḡPsP·CḡPëPI C†C†C...PsP¶PëP»P»Cḡ, C,PμPSPsC†PëPSPsPIC-C,, P±C-P»CHb C†
PeC-C†C,PeP°C..., PjC-P°C†C,PμPSC-Cḡ, C†PëPSPsPIC-C,.

P— P±PsPeCž PSPμCḡPIPsPIPsC— C†PëC†C,PμPjPë: P°C,P°PeC†C-Cḡ, PSPμPICḡP°P»PiC-Cḡ,
PSPμPNëCḡPsPīP°C,C-Cḡ, PīP°CḡPμC†C,PμP·C-Cḡ, C,CḡPμPjPsCḡ, PIPμCḡC,PëPiPs,
PrPμPiCḡPμC†C-Cḡ, P±PμP·C†PsPSPSCḡ, P°PSPsPjP°P»CHbPSC- C†PSPsPIPëPrC-PSPSCḡ,
P·PSPëP¶PμPSPSCḡ CḡPμC,,P»PμPeC†C-PI.

P— P±PsPeCž PrPëC...P°P»CHbPSPsC— C†PëC†C,PμPjPë: P°C†C,PjP°, PrPëC†PīPSPsPμ,
P»P°CḡPëPSPiC-C,, C,,P°CḡPëPSPiC-C,, C†PëPSC†C†PëC,, P±CḡPsPSC...C-C,, PīPsC†PëP»PμPSPμ
C†P»PëPSPsPIPëPrC-P»PμPSPSCḡ, PīPsC†PëP»PμPSPSCḡ PeP°C€P»Cḡ.

P PsP·P»P°PrPë P· P±PsPeCž C€PeC-CḡPë: PeCḡPsPīPëPIbḡ™ CḡPSPeP°, PiPμCḡPiPμC†,
C†PIPμCḡP±C-P¶, PīC-PrPIPëC%PμPSP° PīC-C,P»PëPIC-C†C,CHb, PIPëCḡP°P·PePë C€PeC-CḡPë,
PePsPSC,P°PeC,PSPëPNë PrPμCḡPjP°C,PëC,, PμPeC†C,,PsP»C-P°C,PëPIPSPëPNë PrPμCḡPjP°C,PëC,.

PŸPīPμC†PëC,,C-C†PSC- PIC-PrC†CžC,C,Cḡ: CḡP°PiC,PsPIPμ P·PSPëP¶PμPSPSCḡ C†Pë

PIC,C₇H₅P^oC,P^o C₇P»C₇C...C₇, P±C-P»CH C₇ PIC₇C...P^oC..., PeC₇PsPIPsPIPëP»PëPI C₇ PsPePs,
PeP^oC,P^oC₇P^oPeC,P^o, C₇C₇C...C-C₇C,CH PI PsC±P^oC...

P— P±PsPeC₇ C₇C₇PsPiP_μPSC-C,P^oP»CH₅PSPsC— C₇PëC₇C,P_μPjPë: C₇PëC₇C,PëC,,
PSC-PeC,C₇C₇C-C₇, P₇C-PrPIPëC%P_μPSP^o C±P^oC₇C,PsC,P^o C₇P_μC±PsPIPëP₇C₇C₇P^oPSCH₅,
P·P±C-P»CH₅C₇P_μPSPSC₇ PjPsP»PsC±PSPëC... P·P^oP»PsP·, PSP_μC,C₇PëPjP^oPSPSC₇ C₇P_μC±C-,
P₇PsC₇C₇C₇P_μPSPSC₇ P_μC₇PeC₇P»C₇C₇C-C-, PSP^oP±C₇C₇Pe C₇C,P^oC,P_μPIPëC...
PsC₇PiP^oPSC-PI, P^oPSPsC₇PiP^oP·PjC-C₇.

P^oPsC₇PIC-Pr P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇ P₇C-C₇P»C₇ PIPëC...PsPrC₇ PSP^o C₇PëPSPsPe.
P_μC-C₇P»C₇ PIPëC...PsPrC₇ P₇C₇P_μPiP^oC₇P^oC,C₇ PSP^o C₇PëPSPsPe P±C₇P»Pë
C-PrP_μPSC,PëC,,C-PePsPIP^oPSC- PSPëP₇C₇P_μP·P^oP·PSP^oC±P_μPSC- P₇PsP±C-C±PSC-
C₇P_μP^oPeC₇C-C-. P₇C₇P_μPeC-P»CH₅PePë P₇C₇Ps C,P^oPeC- C₇P_μP^oPeC₇C-C-
P₇PsPIC-PrPsPjP»C₇C₇C,CH PrPsP±C₇PsPIC-P»CH₅PSPs C,P^o P₇PsPIC-PrPsPjP»P_μPSPSC₇
PSP^oPrC...PsPrC₇C,CH PIC-Pr P₇PsP₇C₇P»C₇C₇C-C- PSP_μPIC-PrPsPjPsC-
C±PëC₇P_μP»CH₅PSPsC₇C,C-, PSP_μ P·P^oPIP₇PrPë PjPsP₇PSP^o PrPsC₇C,PsPIC-C₇PSPs
PsC₇C-PSPëC,Pë C-C... C±P^oC₇C,PsC,C₇ C,P^o PIC₇C,P^oPSPsPIPëC,Pë P₇C₇PëC±PëPSPSPëP₇
P·P₇IB₇TM C₇P·PsPe C-P· P_μPeC₇P₇PsP·PëC₇C-C^oC₇ P»C-PeP^oC₇C₇CH₅PePsPiPs P·P^oC₇PsP±C₇.
P₇C- C₇PIPëC%P^o P±C₇P»Pë P·P^oP·PSP^oC±P_μPSC- C₇Pe C±P_μC₇P_μP· C-C...
C₇P_μC₇P₇PsP·PSC-C₇C,CH, C±P^oC₇C,PsC,C₇ P₇PsPIC-PrPsPjP»P_μPSPSC₇,
PIC-PrC₇C₇C,PSC-C₇C,CH C±C-C,PePsPiPs P^oP»CH₅C,P_μC₇PSP^oC,PëPIPSPsPiPs
P·P₇IB₇TM C₇P·PeC₇, C,P^oPe C- C±P_μC₇P_μP· PePsPjP±C-PSP^oC₇C-C₇ C₇PëC... C,,P^oPeC,PsC₇C-PI.

P₇P_μC₇C₇P_μPIPs-C₇C₇PrPëPSPSC- C,P^o C₇P_μC₇P_μP±C₇PsPIP^oC₇PeC₇P»C₇C₇PSC-
C₇PIPëC%P^o. P_μPsPIC-PrPsPjP»C₇P»PsC₇C₇ P₇C₇Ps C₇P_μC₇P₇PsP·PSC- C₇P_μC₇C₇P_μPIPs-
C₇C₇PrPëPSPSC-, C₇P_μC₇P_μP±C₇PsPIP^oC₇PeC₇P»C₇C₇PSC- C,P^o C₇C₇PrPëPSPSC-
C₇PIPëC%P^o, PIPeP»C₇C±P^oC₇C±Pë C₇P_μC₇P_μP±C₇PsPIP^oC₇PeC₇P»C₇C₇PSC₇
PeC₇PsPIPsC,P_μC±C₇, C₇C₇P±P^oC₇P^oC...PSPsC—PrP^oP»CH₅PSC₇ C,P^o
PIPSC₇C,C₇C-C₇PSCH₅PsC₇P_μC₇P_μP±C₇P^oP»CH₅PSC₇ PeC₇PsPIPsC,P_μC±C₇ C,P^o
P»P_μPiP_μPSP_μPIC₇ PeC₇PsPIPsC,P_μC±C₇, C%Ps P±C₇P»Pë P₇PsP₇IB₇TM C₇P·P^oPSC- C₇ C±P^oC₇C-
C-P· P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇Pj C₇PëP»PrP_μPSP^oC,,C-P»C₇. Pj P±C-P»CH₅C₇PsC₇C,C-
P₇P^oC₇C-C^oPSC,C-PI P±C₇P»Pë PSP^oC₇PIPSC- C,,P^oPeC,PsC₇Pë C₇P_μC₇C₇P_μPIPs-
C₇C₇PrPëPSPSPsPiPs C₇PëP·PëPeC₇. P_μPsPIC-PrPsPjP»C₇P»PsC₇C₇, C%Ps P±P^oPiP^oC,Ps P·
C₇PëC... C₇PIPëC% PIPëPSPëPeP»Pë P₇C-Pr C±P^oC₇ P^oP±Ps PsPrC₇P^o·C₇ P₇C-C₇P»C₇
C₇P_μPeC₇C₇P^oP»CH₅PSPsC— P^oPeC,PëPIPSPsC₇C,C- C,P^o PrP_μPeC-P»CH₅PeP^o C₇PIPëC%
PIPëPSPëPeP»Pë PsPrC₇P^o·C₇ P₇C-C₇P»C₇ P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇
C₇PëP»PrP_μPSP^oC,,C-P»C₇ P±P_μP· C₇P_μPeC₇C₇P^oP»CH₅PSPsC— P^oPeC,PëPIPSPsC₇C,C-.
P₇PSC₇C- C₇PIPëC%P^o PIPëPSPëPeP»Pë P₇C₇PsC,C₇PiPsPj PSP^oC₇C,C₇PiPSPëC... P₇PsPrPëPS
C±Pë PrPSC-PI P₇C-C₇P»C₇ P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇ C₇PëP»PrP_μPSP^oC,,C-P»C₇ C,P^o
C₇P_μPeC₇C₇P^oP»CH₅PSPsC— P^oPeC,PëPIPSPsC₇C,C-. P₇P_μPjPsP₇P»PëPIPs
PIC₇C,P^oPSPsPIPëC,Pë, C±Pë C₇C- C₇PIPëC%P^o P₇PsP₇IB₇TM C₇P·P^oPSC- C-P·
P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇Pj P₇C₇P_μPiP^oC₇P^oC,C₇, C-P· C₇P_μPeC₇C₇P^oP»CH₅PSPsC₇
P^oPeC,PëPIPSC-C₇C,C₇, C-P· PSP^oC₇PIPSPëPjPë C,,P^oPeC,PsC₇P^oPjPë C₇PëP·PëPeC₇ C±Pë C-P·
PePsPjP±C-PSP^oC₇C-C^oC₇ C₇PëC... C,,P^oPeC,PsC₇C-PI, C±Pë P· C-PSC₇PePjPë
C,,P^oPeC,PsC₇P^oPjPë.

P₇C₇PsPIPsPSPsC₇PSP^o C,P^o P»C-PjC,,P^oC,PëC±PSP^o C₇PëC₇C,P_μPjPë:
PIP^o·PsPsPeP»CH₅P·PëPIPSPëP₇ PeC₇PëP·. Pj PSP_μPIP_μP»PëPePsPjC₇ P·P^oPIC±P^oC₇PSPs
P₇C₇PëP₇PiPëPSP_μPSPsPjC₇ PrPsC₇P»C-PrP₇P_μPSPSC- P·P^oC₇C,PsC₇C₇PiP^oPSPSC₇
P₇C₇P_μPiP^oC₇P^oC,C₇ C₇PëP»PrP_μPSP^oC,,C-P» P·P^o C₇C±P^oC₇C,C₇ P₇P^oC₇C-C^oPSC,C-PI P·
P»P_μPiP_μPSP_μPIPsC₇ P^oC₇C,P_μC₇C-P^oP»CH₅PSPsC₇ P₇C-P₇P_μC₇C,P_μPSP·C-C^oC₇,
PIC,PsC₇PëPSPSPsC₇ C%PsPrPs C₇P_μC₇P₇PsP₇PsPrC-P±PSPsPeP»C-C,PëPSPSPsC—

P°PSPμPjC—, PīCḡPē P·P°CíC,PsCíCíPíP°PSPSC— CíPēP»PrPμPSP°C,,C—P»Cí PīCḡPs
CḡPsP·PIPēC,PsPe PIP°P·PsPsPeP»CḡP·PēPIPSPēC... PeCḡPēP·C—PI, C%Ps
PīPsC,CḡPμP±CíPíP°P»Pē PíPsCíPíC—C,P°P»C—P·P°C†C—, PíPsPIC—PrPsPjP»CḡP»PsCíCḡ
C†P°CíC,C—CēPμ, PSC—Pḡ PīCḡPē P·P°CíC,PsCíCíPíP°PSPSC— PīP»P°C†PμP±Ps.
PḡP»C—PSC—C†PSPμ P·PSP°C†PμPSPSCḡ C†C—C”C— C—PSC,,PsCḡPjP°C†C— PrP»Cḡ
PīP°C†C—C”PSC,C—PI, CḡPeC— P·P°CíC,PsCíCíPíCíCḡC,Cḡ CíPēP»PrPμPSP°C,,C—P» P·
PjPμC,PsCḡ P»C—PeCíPíP°PSPSCḡ PμCḡPμPeC,PēP»CḡPSPsC— PrPēCíC,,CíPSPeC†C—C—,
PSPμPIC—PrPsPjPs.

P— P±PsPeCž PSPμCḡPIPSPiPsC— CíPēCíC,PμPjPē: C,CḡPēPIPSPiP°, C,CḡP°PSP·PēC,PsCḡPSP°
PíP»PsP±P°P»CḡPSP° P°PjPSPμP·C—Cḡ.

PŸPíPμC†PēC,,C—C†PSC— PIC—PrC†CžC,C,Cḡ

PŸP»CžC.... PμC—CíP»Cḡ PIPēC...PsPrCí PīCḡPμPíP°CḡP°C,Cí PSP° CḡPēPSPsPe
PíPsPIC—PrPsPjP»CḡP»PsCíCḡ PīCḡPs PIPēPíP°PrPePē CḡP°PíC,PsPIPSPiPs P·PSPēPḡPμPSPSCḡ
C†Pē PIC,CḡP°C,Pē CíP»CíC...Cí, PíPsPíBḡ™ CḡP·P°PSC— Cí C†P°CíC— C—P·
P·P°CíC,PsCíCíPíP°PSPSCḡPj CíPēP»PrPμPSP°C,,C—P»Cí. Pj PrPμCḡPePēC... PIPēPíP°PrPeP°C...
PíPsPIC—PrPsPjP»CḡP»PsCíCḡ PīCḡPs PSP°CḡPIPSC—CíC,Cḡ PjPμPrPēC†PSPēC... CíC,P°PSC—PI
C,P° C—PSCēPēC... C,,P°PeC,PsCḡC—PI, C%Ps PjPsPíP»Pē PIC—PrC—PíCḡP°C,Pē CḡPsP»Cḡ Cí
CḡPsP·PIPēC,PeCí PíPsP±C—C†PSPēC... CḡPμP°PeC†C—Pḡ P· P±PsPeCí CíP»CíC...Cí. Pj
P±P°PíP°C,CḡPsC... PIPēPíP°PrPeP°C... C—PSC,,PsCḡPjP°C†C—Cḡ C%PsPrPs
PíPsPrP°P»CḡCēPsPíPs PjPμPrPēC†PSPSPiPs CíPíPsCíC,PμCḡPμPḡPμPSPSCḡ
PIC—PrCíCíC,PSCḡ. P·PēP·PSP°C†PēC,Pē, C†Pē C†C— CḡPIPēC%P° PíCḡCḡPjPs
PíPsPíBḡ™ CḡP·P°PSC— C—P· P·P°CíC,PsCíCíPíP°PSPSCḡPj CíPēP»PrPμPSP°C,,C—P»Cí, P·
PSP°CḡPIPSPēPjPē C,,P°PeC,PsCḡP°PjPē CḡPēP·PēPeCí PIC,CḡP°C,Pē CíP»CíC...Cí, P·
PePsPjP±C—PSP°C†C—C”Cḡ C†PēC... C,,P°PeC,PsCḡC—PI C†Pē P· C—PSCēPēPjPē
C,,P°PeC,PsCḡP°PjPē, PSPμPjPsPḡP»PēPIPSP.

P—C—Cḡ. PŸPēPjC†P°CíPSPiP° PIC,CḡP°C,P° P·PsCḡCí, PíPsC†PμCḡPIPSPSC—PSPSCḡ PsC†PμPḡ,
PíPμC†C—PSPSCḡ Pí PsC†P°C..., PíC—PrPIPēC%PμPSPSCḡ PIPSCíC,CḡC—CēPSCḡPsPsC†PSPSPiPs
C,PēCíPeCí, PSP°P±CḡCḡPe CíC—C,PeC—PIPePē, CíCíPrPēPSPSC—
P·P°C...PIPSPCḡPIP°PSPSCḡ CíC—C,PeC—PIPePē C†Pē PeCḡPsPIPSP,C,PμC†P°,
PIC—PrCēP°CḡCíPíP°PSPSCḡ CíPeP»PēCíC,PsPíPs C,C—P»P°.

PμC—CíP»Cḡ PIPēC...PsPrCí PīCḡPμPíP°CḡP°C,Cí PSP° CḡPēPSPsPe CḡC—PrPePs
PíPsPIC—PrPsPjP»CḡP»PsCíCḡ PīCḡPs PIPēPíP°PrPePē PSPμP°CḡC,PμCḡC—P°P»CḡPSPsC—
PíPμCḡPμPrPSCḡPsC— C—CēPμPjC—C†PSPsC— PSPμPICḡPsPíP°C,C—C— P·PsCḡPsPIPSPiPs
PSPμCḡPIP°, C%Ps C” PīCḡPēC†PēPSPsCḡ P·PSPēPḡPμPSPSCḡ P·PsCḡCí,
PIPeP»CḡC†P°CḡC†Pē PíPsCíC,C—PḡPSCí PIC,CḡP°C,Cí P·PsCḡCí, CḡPeC— P±CíP»Pē
PíPsPíBḡ™ CḡP·P°PSC— Cí C†P°CíC— C—P· P·P°CíC,PsCíCíPíP°PSPSCḡPj
C—PSPiC—P±C—C,PsCḡC—PI PαP”P°5, PIPeP»CḡC†P°CḡC†Pē CíPēP»PrPμPSP°C,,C—P». Pj
P±P°PíP°C,CḡPsC...B PíP°C†C—C”PSC,C—PI, P°P»Pμ PSPμ Cí PICíC—C..., P±CíP»Pē
PSP°CḡPIPSC— P°PSP°C,PsPjC—C†PSC— P°P±Ps CíCíPrPēPSPSC— C,,P°PeC,PsCḡPē CḡPēP·PēPeCí
CḡPsP·PIPēC,PeCí PSPμP°CḡC,PμCḡC—P°P»CḡPSPsC— PíPμCḡPμPrPSCḡPsC—
C—CēPμPjC—C†PSPsC— PSPμPICḡPsPíP°C,C—C— P·PsCḡPsPIPSPiPs PSPμCḡPIP°,
PIPeP»CḡC†P°CḡC†Pē (P°P»Pμ PSPμ PsP±PjPμPḡCíCḡC†PēCíCḡ) C,P°PeC—: PSPēP·CḡPePμ
CíPíC—PIPIC—PrPSPsCēPμPSPSCḡ PrC—P°PjPμC,CḡP° PμPeCíPeP°PIP°C†C—C— C,P° PrPēCíPeP°
P·PsCḡPsPIPSPiPs PSPμCḡPIP° (P·P°CíC,C—PḡPSPēPḡ PrPēCíPe P·PsCḡPsPIPSPiPs PSPμCḡPIP°),
PIC—Pe PíPsPSP°Pr 50 CḡPsPeC—PI, P°CḡC,PμCḡC—P°P»CḡPSP° PíC—PíPμCḡC,PμPSP·C—Cḡ,
P·P°C...PIPSPCḡPIP°PSPSCḡ PePsCḡPsPSP°CḡPSPēC... P°CḡC,PμCḡC—Pḡ,
PíC—PíPμCḡP»C—PíC—PrPμPjC—Cḡ C,P° PíP°P»C—PSPSCḡ. PkPμPjPsPḡP»PēPIPSP

PIPëP·PSP°C±PëC,Pë, C±Pë C†C- C¼PIPëC‰P° PïCĤC¼PjPs PïPsPIBĤ™ C¼P·P°PSC- C-P·
P·P°CÍC,PsCÍCfPIP°PSPSC¼Pj C-PSPiC-P±C-C,PsCĤC-PI PαP”P•5 C±Pë P· PSP°C¼PIPSpëPjPë
P°PSP°C,PsPjC-C±PSPëPjPë P°P±Ps CÍCfPrPëPSPSPëPjPë C,,P°PeC,PsCĤP°PjPë CĤPëP·PëPeCf,
C±Pë P· PePsPjP±C-PSP°C†C-C”CĤ C†PëC... PICÍC-C... C,,P°PeC,PsCĤC-PI, C±Pë P· C-PSC€PëPjPë
C,,P°PeC,PsCĤP°PjPë.

P—PIC-C,CžPIP°PSPSC¼ PïCĤPs PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C±PSC- CĤPμP°PeC†C-C—.
P—PIC-C,CfPIP°PSPSC¼ PïCĤPs PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C±PSC- CĤPμP°PeC†C-C—
PïC-CÍP»C¼ CĤPμC”CÍC,CĤP°C†C-C— P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±Cf PjP°C”
PIP°P¶P»PëPIPμ P·PSP°C±PμPSPSC¼. P¡Pμ PrP°C” P·PjPsPiCf PïCĤPsPIPsPrPëC,Pë
P±PμP·PïPμCĤPμCĤPIPSpëPNë PjPsPSC-C,PsCĤPëPSPi CÍPïC-PIPIC-PrPSPsC€PμPSPSC¼
PePsCĤPëCÍC,C- C- CĤPëP·PëPeC-PI, PïPsPIBĤ™ C¼P·P°PSPëC... C-P·
P·P°CÍC,PsCÍCfPIP°PSPSC¼Pj C†CĤPsPiPs P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±Cf.
P>C-PeP°CĤC¼Pj CÍP»C-Pr P·PIC-C,CfPIP°C,Pë PïCĤPs P±CfPrCĤ-C¼PeC-
PïC-PrPsP·CĤCĤPIP°PSC- PïPsP±C-C±PSC- CĤPμP°PeC†C-C— PIC-PrPïPsPIC-PrPSPs PrPs
PIPëPjPsPi P·P°PePsPSPsPrP°PICÍC,PIP°.

PŷPμCĤPjC-PS PïCĤPëPrP°C,PSPsCÍC,C-. 3 CĤPsPePë.

PIPjPsPIPë P·P±PμCĤC-PiP°PSPSC¼.

P—P±PμCĤC-PiP°C,Pë PïCĤPë C,PμPjPïPμCĤP°C,CfCĤC- PSPμ PIPëC‰Pμ 25 B°Pŷ.

P—P±PμCĤC-PiP°C,Pë Cf PSPμPrPsCÍC,CfPïPSPsPjCf PrP»C¼ PrC-C,PμPNë PjC-CÍC†C-.

PIPïP°PePsPIPeP°.

PμPs 1 P°P±Ps 4 C,P°P±P»PμC,PePë Cf P±P»C-CÍC,PμCĤC-. PμPs PsPrPSPsPjCf
P±P»C-CÍC,PμCĤCf Cf PeP°CĤC,PsPSPSC-PNë PïP°C†C†C-.

PĽP°C,PμPiPsCĤC-C¼ PIC-PrPïCfCÍPeCf.

P—P° CĤPμC†PμPïC,PsPj.

P’PëCĤPsP±PSPëPe.

P’PμP»CfPïPs, P»C-PePë C,P° PePsCÍPjPμC,PëPeP°, Pr.Pr.

**PĤC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSC¼ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPμCÍP°
PjC-CÍC†C¼ PïCĤPsPIP°PrP¶PμPSPSC¼ PNëPsPiPs PrC-C¼P»CĤPSPsCÍC,C-.**

P’CfP». P”P°PSC-C†P° 5, 48000 PĽPsPïCĤPëPIPSpëC†C¼, PÍPsCĤPIP°C,C-C¼.