

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

(DUAC)

PrC-CHC≡C- C₇H₅PC≡PSPiPēPSPē: P±P_μPSP·P_SC—P»C_r P_iP_μC₇H₅P_SPeC_l⁺PēPr P±P_μP·PiP_SPrPSPēP_N (C_r PIPēPiP»C_lPrC- P±P_μPSP·P_SC—P»C_r P_iP_μC₇H₅P_SPeC_l⁺PēPrC_r PIP_SPrPSP_SPiP_S),
PeP»C-PSPrP°PjC-C†PēPS (C_r PIPēPiP»C_lPrC- PeP»C-PSPrP°PjC-C†PēPSC_r C_„PsC_lC_„P°C,C_r);

1 Pi PiPμP»C_H PjC-CÍ_C,PëC,C_H P±PμPSP·PSc—P»Cr₁ PiPμC_HPsPeCÍ_CPëPrCr₁
P±PμP·PiPsPrPSPsPiPs (Cr₁ PiPëPiP»C_{II}PrC- P±PμPSP·PSc—P»Cr₁ PiPμC_HPsPeCÍ_CPëPrCr₁
PiPsPrPSPsPiPs) 50 PjPi; PeP»C-PSPrP°PjC-C†PëPSC₁ (Cr₁ PiPëPiP»C_{II}PrC-
PeP»C-PSPrP°PjC-C†PëPSC₁ C_„PsCÍ_C„P°C,Cr₁) 10 PjPi;

PrPsPiPsPjC-P¶PSC- C¶PµC±PsPIPëPSPë: PeP°C¶P±PsPjPµC¶, PrPëPjPµC,PëPePsPS, PrPëPSP°C,C¶C-C¶ P»P°CíC¶PëP»CíCíP»CHC,,PsCíCíPeC†PëPSP°C,, PrPëPSP°C,C¶C-C¶ PµPrPµC,P°C,, PiP»C-C†PµC¶PëPS, PeC¶PµPjPSC-C¶ PrC-PsPeCíPëPr PePsP»PsC—PrPSPëPNë PIPsPrPSPëPNë, PiPsP»PsPeCíP°PjPµC¶, PSP°C,C¶C-C¶ PiC-PrC¶PsPeCíPëPr, PIPsPrP° PsC±PëC%µPµPSP°.

PhCfPSPsPIPS- C,,C-P·PëPePs-C...C-PjC-C†PSC- PIP»P°CfC,PëPIPsCfC,C-:

PiPsPjPsPiPμPSPSPëPNø PiPμP»CHb P±C-P»PsPiPs P°P±Ps P·P»PμPiPeP° P¶PsPIC,Cr'PIP°C,PsPiPs
PePsP»CHbPsC¶Cr'.

**P_αP°C_βPjP°PePsC,PμC_βP°PīPμPIC,PēC±PSP°PiC_βCíPīP°. P_HC-CÍC†PμPIC- P·P°CÍPsP±Pē
PrP»Cİı P»C-PeCíPIP°PSPSCİı P°PePSPμ. P_LPsPr P_hPÿPΓ D10A F51.**

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}P\epsilon PsP\gg PsPiC-C\bar{+}PSC-PIP\gg P^{\circ}C\bar{I}C,P\ddot{e}PIPsC\bar{I}C,C-$

$$P\propto P^{\circ}C\overline{h}P_jP^{\circ}P\epsilon P_sP_rP\ddot{e}PSP^{\circ}P_jC-P\epsilon P^{\circ}$$

Р_ЛР»С-PSPrP°PjC-C†PëPS C” P»C-PSPePsP·P°PjC-PrPSPëPj P°PSC,PëP±C-PsC,PëPePsPj P·
P±P°PeC,PμC†C-PsC†C,P°C,PëC†PSPsC† PrC-C”C† PiC†PjPsC,Pë PiC†P°PjPiPsP·PëC,PëPiPSPëC...
P°PμC†PjPsP±PSPëC... PjC-PeC†PjPsPsC†PiP°PSC-P·PjC-PI C,P° C€PëC†PjPsPePsPiPs C†PiPμPeC,C†P°
P°PSP°PμC†PjPsP±PSPëC... P±P°PeC,PμC†C-PN₂. P>C-PSPePsP·P°PjC-PrPë, C,P°PeC- C†Pë
PeP»C-PSPrP°PjC-C†PëPS, P·PiBTM C†P·CrC†C,C†C†C†C P· 23S C†CrP±PsPrPëPSPëC†PuC†

$P \pm P^{\circ}PeC, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSPsC - CH_3P \ddot{e}P \pm PsC \acute{I}PsPjP \ddot{e} C, P^{\circ} P \ddot{I}CH_3P \ddot{e}PiPSC - C \ddagger C \acute{r}CH_3C, CH_3$
 $CH_3P^{\circ}PSPSC - C \acute{I}C, P^{\circ}PrC - C - C \acute{I}P \ddot{e}PSC, P_{\mu}P \cdot C \acute{r} P \pm C - P \gg PeP^{\circ}. P^{\circ}C - C \ddagger PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}$
 $C^{\circ} P \ddot{I}P_{\mu}CH_3P_{\mu}PIP^{\circ}P \parallel PSPs P \pm P^{\circ}PeC, P_{\mu}CH_3C - PsC \acute{I}C, P^{\circ}C, P \ddot{e}C \ddagger PSPsCH_3, C \dots PsC \ddagger P^{\circ} PIP \ddot{e}C \acute{I}PsPeC -$
 $PePsPSC \ddagger P_{\mu}PSC, CH_3P^{\circ}C \ddagger C - C - PjPsP \parallel C \acute{r}C, CH_3 C \ddagger P \ddot{e}PSP \ddot{e}C, P \ddot{e} P \ddot{I}PsPIC - P \gg CH_3PSC \acute{r}$
 $P \pm P^{\circ}PeC, P_{\mu}CH_3P \ddot{e}C \ddagger P \ddot{e}PrPSC \acute{r} PrC - CH_3 P \ddot{I}CH_3PsC, P \ddot{e} C \ddagger C \acute{r}C, P \gg P \ddot{e}PIP \ddot{e}C \dots C \acute{e}C, P^{\circ}PjC - PI.$

$PI^{\circ}PsC \ddagger P^{\circ} PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r} C, PsC \acute{I}C, P^{\circ}C, C^{\circ} PSP_{\mu}P^{\circ}PeC, P \ddot{e}PIPSP \ddot{e}Pj$ *in vitro*,
 $C \acute{e}PIP \ddot{e}PrPeP \ddot{e}PN_{\ddot{e}} PiC - PrCH_3PsP \gg C - P \cdot$ *in vivo* $P \ddot{I}P_{\mu}CH_3P_{\mu}C, PIPsCH_3CH_3C^{\circ} C \ddagger CH_3 C \acute{I}P \ddot{I}PsP \gg C \acute{r}PeC \acute{r}$
 $PSP^{\circ}B P^{\circ}PeC, P \ddot{e}PIPSP \ddot{e}PN_{\ddot{e}} P \ddot{I}CH_3PsC, P \ddot{e} P \pm P^{\circ}PeC, P_{\mu}CH_3C - PN_{\ddot{e}} PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PS.$
 $P \ddot{h}PSC, P \ddot{e}P \pm P^{\circ}PeC, P_{\mu}CH_3C - P^{\circ}P \gg CH_3PSP^{\circ} P^{\circ}PeC, P \ddot{e}PIPSC - C \acute{I}C, CH_3 PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}$
 $P \pm C \acute{r}P \gg P^{\circ} P \ddot{I}CH_3PsPrP_{\mu}PjPsPSC \acute{I}C, CH_3PsPIP^{\circ}PSP^{\circ} PeP \gg C - PSC - C \ddagger PSPs P \ddot{I}CH_3P \ddot{e}$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC - PePsPjP_{\mu}PrPsPSC - PI C \acute{r} P \ddot{I}P^{\circ}C \ddagger C - C^{\circ}PSC, C - PI P \cdot P^{\circ}PePSP_{\mu} PSP^{\circ}$
 $CH_3C - PIPSC \ddagger C \dots, PrPsC \acute{I}C, P^{\circ}C, PSC - C \dots, C^{\circ}\%PsP \pm P \pm C \acute{r}C, P \ddot{e} P^{\circ}PeC, P \ddot{e}PIPSP \ddot{e}PjP \ddot{e} P \ddot{I}CH_3PsC, P \ddot{e}$
 $P \pm C - P \gg CH_3C \acute{e}PsC \acute{I}C, C - C \acute{e}C, P^{\circ}PjC - PI$ *Propionibacterium acnes*. $P \ddot{h}P \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PS$ *in vivo*
 $C - PSPiC - P \pm C \acute{r}C^{\circ} PIC \acute{I}C - P \ddot{I}CH_3PsC, P_{\mu}C \acute{I}C, PsPIP^{\circ}PSC - PeC \acute{r}P \gg CH_3C, C \acute{r}CH_3P \ddot{e} Propionibacterium$
 $acnes$ (MIC-0,4 $PjPePi/PjP \gg$). $P_{\mu}C - C \acute{I}P \gg C \ddagger P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \ddagger$
 $PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r} PIC - PrC \acute{I}PsC, PsPe PIC - P \gg CH_3PSP \ddot{e}C \dots P \parallel P \ddot{e}CH_3PSP \ddot{e}C \dots$
 $PeP \ddot{e}C \acute{I}P \gg PsC, PSP^{\circ} P \ddot{I}PsPIP_{\mu}CH_3C \dots PSC - C \acute{e}PeC - CH_3P \ddot{e} P \cdot PSP \ddot{e}P \parallel C \acute{r}PIP^{\circ}PIC \acute{I}C \ddagger$
 $P \ddot{I}CH_3P \ddot{e}P \pm P \gg P \ddot{e}P \cdot PSPs P \cdot 14 \% PrPs 2 \%$.

$P^{\circ}P_{\mu}PSP \cdot PsC - P \gg C \acute{r} P \ddot{I}P_{\mu}CH_3PsPeC \acute{I}P \ddot{e}Pr C \ddagger P \ddot{e}PSP \ddot{e}C, CH_3 PjP \ddot{h}^{\circ} C \ddagger PeC \acute{r}$
 $PeP_{\mu}CH_3P^{\circ}C, PsP \gg C - C, P \ddot{e}C \ddagger PSC \acute{r} PrC - CH_3 PIC - PrPSPsC \acute{I}PSPs PePsPjP_{\mu}PrPsPSC - PI PSP^{\circ} PIC \acute{I}C - C \dots$
 $C \acute{I}C, P^{\circ}PrC - C \ddagger C \dots C - C \dots PSCH_3PsPiPs CH_3PsP \cdot PIP \ddot{e}C, PeC \acute{r}. P^{\circ}C - PS C^{\circ} CH_3P_{\mu}C \ddagger PsPIP \ddot{e}PSPsCH_3 -$
 $PsPeP \ddot{e}C \acute{I}P \gg CH_3PIP^{\circ}C \ddagger P_{\mu}Pj P \cdot P \pm P^{\circ}PeC, P_{\mu}CH_3P \ddot{e}C \ddagger P \ddot{e}PrPSPsCH_3 P^{\circ}PeC, P \ddot{e}PIPSC - C \acute{I}C, CH_3$
 $P \ddot{I}CH_3PsC, P \ddot{e} Propionibacterium acnes, PjC - PeCH_3PsPsCH_3PiP^{\circ}PSC - P \cdot PjC \acute{r}, C \ddagger PeP \ddot{e}PN_{\ddot{e}}$
 $C \acute{I}P \ddot{I}CH_3P \ddot{e}C \ddagger P \ddot{e}PSC \ddagger C^{\circ} CH_3PsP \cdot PIP \ddot{e}C, PsPe PIC \acute{r}P \gg CH_3PiP^{\circ}CH_3PSP \ddot{e}C \dots PIC \acute{r}PiCH_3C - PI. P \ddot{h}CH_3C - Pj$
 $C, PsPiPs, PIC - PS C^{\circ} C \acute{I}P_{\mu}P \pm PsC \acute{I}C, P^{\circ}C, P \ddot{e}PePsPj, C \ddagger PeP \ddot{e}PN_{\ddot{e}} P \ddot{I}CH_3PsC, P \ddot{e}PrC - C^{\circ}$
 $PSP^{\circ}PrPjC - CH_3PSC - PN_{\ddot{e}} P \ddot{I}CH_3PsPrC \acute{r}PeC \ddagger C - C - C \acute{e}PeC - CH_3PSPsPiPs C \acute{I}P^{\circ}P \gg P^{\circ}, C^{\circ}\%Ps$
 $P^{\circ}C \acute{I}PsC \ddagger C - CH_3C^{\circ}C, CH_3C \acute{I}C \ddagger P \cdot P^{\circ}PePSP_{\mu}.$

$P^{\circ}PsPrP^{\circ}PIP^{\circ}PSPSC \ddagger P \pm P_{\mu}PSP \cdot PsC - P \gg C \acute{r} P \ddot{I}P_{\mu}CH_3PsPeC \acute{I}P \ddot{e}PrC \acute{r} P \cdot PSP \ddot{e}P \parallel C \acute{r}C^{\circ}$
 $P \ddot{I}PsC, P_{\mu}PSC \ddagger C - P^{\circ}P \gg P \ddot{I}PsC \ddagger PIP \ddot{e} PjC - PeCH_3PsPsCH_3PiP^{\circ}PSC - P \cdot PjC - PI,$
 $CH_3P_{\mu}P \cdot P \ddot{e}C \acute{I}C, P_{\mu}PSC, PSP \ddot{e}C \dots PrPs PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}.$

$P \propto P^{\circ}CH_3PjP^{\circ}PePsPeC - PSP_{\mu}C, P \ddot{e}PeP^{\circ}$

$P \S P_{\mu}CH_3P_{\mu}P \cdot C \acute{e}PeC - CH_3PSP^{\circ} P^{\circ}P \pm C \acute{I}PsCH_3P \pm C \ddagger C - C \ddagger PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}$
 $PjC - PSC - PjP^{\circ}P \gg CH_3PSP^{\circ}. P_{\mu}CH_3P \ddot{e}C \acute{I}C \acute{r}C, PSC - C \acute{I}C, CH_3 P \pm P_{\mu}PSP \cdot PsC - P \gg C \acute{r} P \ddot{I}P_{\mu}CH_3PsPeC \acute{I}P \ddot{e}PrC \acute{r}$
 $C \acute{r} C \acute{I}PeP \gg P^{\circ}PrC - P \gg C - PeP^{\circ}CH_3C \acute{I}CH_3PePsPiPs P \cdot P^{\circ}C \acute{I}PsP \pm C \acute{r} PSP_{\mu} PIP \ddot{I}P \gg P \ddot{e}PIP^{\circ}P \gg P^{\circ} PSP^{\circ}$
 $C \ddagger P_{\mu}CH_3P_{\mu}P \cdot C \acute{e}PeC - CH_3PSC \acute{r} P^{\circ}P \pm C \acute{I}PsCH_3P \pm C \ddagger C - CH_3 PeP \gg C - PSPPrP^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}.$
 $P^{\circ}PsC \acute{I}P \gg C - PrP \parallel P_{\mu}PSPSC \ddagger P \cdot CH_3P^{\circ}PrC - PsPjP^{\circ}CH_3PeC \acute{r}PIP^{\circ}PSPSC \ddagger Pj P \ddot{I}PsPeP^{\circ}P \cdot P^{\circ}P \gg P \ddot{e}, C^{\circ}\%Ps$
 $P^{\circ}P \pm C \acute{I}PsCH_3P \pm C \ddagger C - C \ddagger P \pm P_{\mu}PSP \cdot PsC - P \gg C \acute{r} P \ddot{I}P_{\mu}CH_3PsPeC \acute{I}P \ddot{e}PrC \acute{r} C \ddagger P_{\mu}CH_3P_{\mu}P \cdot C \acute{e}PeC - CH_3C \acute{r}$
 $PjPsP \parallel P \gg P \ddot{e}PIP^{\circ} C, C - P \gg CH_3PeP \ddot{e} P \ddot{I}C - C \acute{I}P \gg C \ddagger PN_{\ddot{e}}PsPiPs P \ddot{I}P_{\mu}CH_3P_{\mu}C, PIPsCH_3P_{\mu}PSPSC \ddagger PSP^{\circ}$
 $P \pm P_{\mu}PSP \cdot PsPN_{\ddot{e}}PSC \acute{r} PeP \ddot{e}C \acute{I}P \gg PsC, C \acute{r}. P^{\circ}P_{\mu}PSP \cdot PsPN_{\ddot{e}}PSP^{\circ} PeP \ddot{e}C \acute{I}P \gg PsC, P^{\circ} P \ddot{I}P_{\mu}CH_3P_{\mu}PIP^{\circ}P \parallel PSPs$
 $PePsPS \ddot{h}^{\circ} CH_3PiC \acute{r}C^{\circ}C, CH_3C \acute{I}C \ddagger P \cdot C \acute{r}C, PIPsCH_3P_{\mu}PSPSC \ddagger Pj PiC - P \ddot{I}C \acute{r}CH_3PsPIPsC -$
 $PeP \ddot{e}C \acute{I}P \gg PsC, P \ddot{e}, C \ddagger PeP^{\circ} PIP \ddot{e}PIPsPrP \ddot{e}C, CH_3C \acute{I}C \ddagger PSP \ddot{e}CH_3PeP^{\circ}PjP \ddot{e}.$

$P \ddot{h}P \gg C - PSC - C \ddagger PSC - C \dots P^{\circ}CH_3P^{\circ}PeC, P_{\mu}CH_3P \ddot{e}C \acute{I}C, P \ddot{e}PeP \ddot{e}.$

$P_{\mu}PsPeP^{\circ}P \cdot P^{\circ}PSPSC \ddagger.$

P₄C₇P₆ C⁺C⁺P₃C-C⁺PSPsP₃C⁺ P·P⁺C⁺C⁺,PsC⁺C⁺PIP⁺PSPSC- P₃C-C⁺C⁺+P₄PIP₆C...
P⁺PSC,P₆P₄C-PsC,P₆P₆C-PI, P₃P₄PrP₆C⁺PSPsPiPs, P·PIP₆C⁺+P⁺P₄PSPsPiPs P⁺P₄Ps

P°P±CḡP°P·PëPIPSpPiPs PjPëP»P° C- PePsCíPjPµC,PëC±PSPëC... P·P°CíPSP±C-PI, CḡPeC-
PjP°CḡC,CH Pïc-PrCíCíCëCíPIP°P»CHPSPëPNë PµC,,PµPeC,, P° C,P°PePsPḡ P·P°CíPSP±C-PI P·
PIPëCíPSPePsCḡ PePsPSC†PµPSC,CḡP°C†C-C”Cḡ CíPIPëCḡC,Cí C,P°/P°P±Ps
PíBḡ™ CḡPḡCíC±PëC... P°PiPµPSC,C-PI PjPsPḡP»PëPIPëPNë PeCíPjCíP»CḡC,PëPIPSpëPNë
Pïc-PrCḡP°P·PSCḡPIP°P»CHPSPëPNë PµC,,PµPeC,,.

PḡCíPSP±P»PëPIPsCíC,C- P·P°CíC,PsCíC±PIP°PSPSCḡ.

PŸP»C-Pr CíPSPëPeP°C,Pë PePsPSC,P°PeC,Cí P· PsC±PëPjP°, CḡPsC,PsPj, PíCíP±P°PjPë,
C-PSCëPëPjPë CíP»PëP·PsPIPëPjPë PsP±PsP»PsPSPeP°PjPë P°P±Ps PrC-P»CḡPSPeP°PjPë P·
PíPsPrCḡP°P·PSPµPSPSCḡPjPë P°P±Ps PíPsCëPePsPrPḡPµPSPSCḡPjPë CëPeC-CḡPë. Pj CḡP°P·C-
PIPëPíP°PrPePsPIPsPiPs PePsPSC,P°PeC,Cí PrPsP±CḡPµ PíCḡPsPjPëC,Pë PIPsPrPsCḡ.

PµCḡPsC,CḡPiPsPj PíPµCḡCëPëC... C,PëPḡPSC-PI P»C-PeCíPIP°PSPSCḡ Cí
P±C-P»CHCëPsCíC,C- PíP°C†C-C”PSC,C-PI PjPsPḡPµ CíPíPsCíC,PµCḡC-PiP°C,PëCíCḡ
PíPsCíPëP»PµPSPSCḡ PIC-PrP»CíC%oCíPIP°PSPSCḡ C,P° PíPsC±PµCḡPIPsPSC-PSPSCḡ
CëPeC-CḡPë. P—P°P»PµPḡPSPs PIC-Pr C,CḡPḡPePsCíC,C- C†PëC... PíPsP±C-C±PSPëC...
PµC,,PµPeC,C-PI PíP°C†C-C”PSC, PjPsPḡPµ P·P°CíC,PsCíCíPIP°C,Pë P·PIPsP»PsPḡCíCḡC±PëPNë
P·P°CíC-P±, C,PëPjC±P°CíPSPiPs P·PjPµPSCëPëC,Pë C±P°CíC,PsC,Cí PSP°PSPµCíPµPSPSCḡ
PeP»C-PSPPrP°PjC-C†PëPSCí/P±PµPSP·PsC—P»Cí PíPµCḡPsPeCíPëPrCí P°P±Ps
C,PëPjC±P°CíPSPiPs PíCḡPëPíPëPSPëC,Pë PNëPSPiPs P·P°CíC,PsCíCíPIP°PSPSCḡ, PsPrPSP°Pe
PµC,,PµPeC,PëPIPSC-CíC,CH P·P°CíC,PsCíCíPIP°PSPSCḡ P· C±P°CíC,PsC,PsCḡ PjPµPSCëPµ
PSC-Pḡ 1 CḡP°P· PSP° PrPsP±Cí PSPµ PrPsPIPµPrPµPSP°.

PŸCíPjC-CíPSPµ P·P°CíC,PsCíCíPIP°PSPSCḡ C-PSCëPëC... C,PsPíC-C±PSPëC...
PíCḡPµPíP°CḡP°C,C-PI PrP»Cḡ P»C-PeCíPIP°PSPSCḡ P°PePSPµ CíP»C-Pr PíCḡPsPIPsPrPëC,Pë
P· PsP±PµCḡPµPḡPSC-CíC,Cḡ C±PµCḡPµP· PjPsPḡP»PëPIPëPNë PeCíPjCíP»CḡC,PëPIPSpëPNë
PíPsPrCḡP°P·PSCḡPIP°P»CHPSPëPNë PµC,,PµPeC,, C%oPs C-PSPePsP»Pë PjPsPḡPµ P±CíC,Pë
C,CḡPḡPePëPj, PsCíPSP±P»PëPIPs PíCḡPë P·P°CíC,PsCíCíPIP°PSPSC-
PrPµCíPePIP°PjP°C,PëPIPSpëC... P°P±Ps P°P±CḡP°P·PëPIPSpëC... C-PSPiCḡPµPrC-C”PSC,C-PI.

PíPeC%oPs PIPëPSPëPeP°C” C,CḡPḡPePµ PjC-CíC†PµPIPµ PíPsPrCḡP°P·PSPµPSPSCḡ
(PSP°PíCḡPëPeP»P°Pr, C,CḡPḡPeP° PµCḡPëC,PµPjP°, CíCíC...C-CíC,CH P°P±Ps
CíPIPµCḡP±C-Pḡ, CíPëP»CHPSPµ PḡP°P»C-PSPSCḡ/PíPµC±C-PSPSCḡ)
P·P°CíC,PsCíCíPIP°PSPSCḡ PeP»C-PSPPrP°PjC-C†PëPSCí/P±PµPSP·PsC—P»Cí
PíPµCḡPsPeCíPëPrCí CíP»C-Pr PíCḡPëPíPëPSPëC,Pë.

P’PµPSP·PsC—P»Cí PíPµCḡPsPeCíPëPr PjPsPḡPµ CíPíCḡPëC±PëPSCḡC,Pë PíC-PrPIPëC%oPµPSCí
C±CíC,P»PëPIC-CíC,CH PrPs CíPsPSCḡC±PSPëC... PíCḡPsPjPµPSC-PI, C,PsPjCí CíP»C-Pr
CíPSPëPeP°C,Pë P·P°CíC,PsCíPSPiCíPIP°PSPSCḡ CíP»CHC,CḡP°C,,C-PsP»PµC,PsPIPëC...
CíPIC-C,PëP»CHPSPëPeC-PI C,P° CíPSPëPeP°C,Pë P°P±Ps PjC-PSC-PjC-P·CíPIP°C,Pë PIPíP»PëPI
CíPsPSCḡC±PSPsPiPs CíPIC-C,P»P°. PíPeC%oPs PSPµ PjPsPḡPSP° CíPSPëPePSCíC,Pë
CíPëP»CHPSPsPiPs PIPíP»PëPICí CíPsPSCḡC±PSPsPiPs CíPIC-C,P»P°, PíP°C†C-C”PSC,Cí
CíP»C-Pr PíPsCḡP°PrPëC,Pë PIPëPePsCḡPëCíC,P°PSPSCḡ CíPsPSC†PµP·P°C...PëCíPSPëC...
P·P°CíPSP±C-PI C,P° P·P°C...PëCíPSPsPiPs PsPrCḡPiCí.

PíPeC%oPs PíP°C†C-C”PSC, PjP°C” CíPsPSCḡC±PSC- PsPíC-PePë, C—C... PSPµPsP±C...C-PrPSPs
PIPëP»C-PeCíPIP°C,Pë PrPs PíCḡPëP·PSP°C±PµPSPSCḡ
PeP»C-PSPPrP°PjC-C†PëPSCí/P±PµPSP·PsC—P»Cí PíPµCḡPsPeCíPëPrCí.

$$P^{\circ}P^{\circ}PSP\ddot{e}C\dots \ddot{P}iC\ddot{H}Ps\ PIP\ddot{P}\gg P\ddot{e}PI\ PjC-C\acute{I}C\ddagger P_{\mu}PIP_sPiPs\ P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C_rPIP^{\circ}PSPSCI\ddot{I}$$

$$PeP\gg C-PSPrP^{\circ}PjC-C\ddagger P\ddot{e}PSCr\ P^{\circ}P\pm Ps\ P\pm P_{\mu}PSP\cdot PsC-P\gg Cr\ \ddot{P}iP_{\mu}C\ddot{H}PsPeC\acute{I}P\ddot{e}PrC_r\ PSP^{\circ}$$

$$C_{\mu}P_{\mu}C\ddot{H}C, P\ddot{e}P\gg CH\ddot{P}SC-C\acute{I}C, CH\ddot{P}\ P\gg C\ddot{H}PrP\ddot{e}PSP\ddot{e}\ PSP_{\mu}PiP^{\circ}C''.$$

P'P°PiC-C,PSC-Cl'C,CH

P"PsCl'C,P°C,PSC-C... PrP°PSPëC... C%PsPrPs P·P°Cl'C,PsCl'CrPIP°PSPSClI PiPµP»Cñ
PIP°PiC-C,PSPëPj PSPµPjP°C". P"PsCl'P»C-PrP¶PµPSPSClI PSP° C,PIP°CñPëPSP°C... C%PsPrPs
CñPµPiCñPsPrCrPeC,PëPIPSpSc— C,PsPeCl'PëC±PSPsCl'C,C- C,P° PIPiP»PëPICr PSP°
CñPsP·PIPëC,PsPe PµPjP±CñC-PsPSP°/PïP»PsPrP° PiPµP»Cñ P°P±Ps P±PµPSP·PsC—P»Cr
PïPµCñPsPeCl'PëPrCr PsPeCñPµPjPs PSPµ PïCñPsPIPsPrPëP»Pë. P†Cl'PSCrCñC,CH
PsP±PjPµP¶PµPSC- PrP°PSC- P·P°Cl'C,PsCl'CrPIP°PSPSClI PsPeCñPµPjPs
PeP»C-PSPPrP°PjC-C†PëPSCr P°P±Ps P±PµPSP·PsC—P»Cr PïPµCñPsPeCl'PëPrCr
PIP°PiC-C,PSPëPj. P"°PSC- Cl'PiPsCl'C,PµCñPµP¶PµPSPSClI PïCñPsC,ClPiPsPj
PsP±PjPµP¶PµPSPsC— PeC-P»CHPePsCl'C,C- PIP°PiC-C,PSPsCl'C,PµPNë PïCñPë
P·P°Cl'C,PsCl'CrPIP°PSPSC- PïCñPµPïP°CñP°C,Cr Cr P† C,CñPëPjPµCl'C,CñC-
PIPeP°P·CrCñC,CH PSP° PIC-PrCl'CrC,PSC-Cl'C,CH PSPµPiP°C,PëPIPSpëC... PµC„PµPeC,C-PI
PeP»C-PSPPrP°PjC-C†PëPSCr PSP° PIP°PiC-C,PSC-Cl'C,CH P°P±Ps PSP° Cl'C,P°PS
P·PrPsCñPsPIBñ™ ClI PïP»PsPrP°/PSPsPIPsPSP°CñPsPrP¶PµPSPsPiPs.

P"PsCl'P»C-PrP¶PµPSPSClI CñPµPiCñPsPrCrPeC,PëPIPSpSc— C,PsPeCl'PëC±PSPsCl'C,C- PSP°
C,PIP°CñPëPSP°C... PïCñPë PïPµCñPsCñP°P»CHPSPsPjCr C,P° PïC-PrCëPeC-CñPSPsPjCr
P·P°Cl'C,PsCl'CrPIP°PSPSC- PeP»C-PSPPrP°PjC-C†PëPSCr PSPµ PIPëClIPIPëP»Pë PsP·PSP°Pe
PïPsCñCrCëPµPSPSClI C„PµCñC,PëP»CHPSPsCl'C,C- P°P±Ps CëPeC-PrP»PëPIPsPiPs
PIPiP»PëPICr PSP° PïP»C-Pr.

P'PµP·PïPµPeP° P·P°Cl'C,PsCl'CrPIP°PSPSClI PiPµP»Cñ P¶C-PSPeP°Pj PïCñPsC,ClPiPsPj
PIP°PiC-C,PSPsCl'C,C- PSPµ PICl'C,P°PSPsPIP»PµPSP°.

PÿPsPjCr Cr PïPµCñC-PsPr PIP°PiC-C,PSPsCl'C,C- P»C-PeP°Cñ PjPsP¶Pµ PïCñPëP·PSP°C±PëC,Pë
PïCñPµPiP°CñP°C, P»PëCëPµ C,PsPrC-, PePsP»Pë PïPµCñPµPrP±P°C±CrPIP°PSP°
PePsCñPëCl'C,CH PrP»ClI P¶C-PSPePë PïPµCñPµPIPëC%CrC" PïPsC,PµPSC†C-PNëPSPëPNë
CñPëP·PëPe PrP»ClI PrPëC,PëPSPë.

P"PsPrC¿PIP°PSPSClI PiCñC¿PrPrCñ

PñP»C-PSC-C±PSPëC... PrPsCl'P»C-PrP¶PµPSCñ P· PIPëPIC±PµPSPSClI PjC-Cl'C†PµPIPsPiPs
P·P°Cl'C,PsCl'CrPIP°PSPSClI PeP»C-PSPPrP°PjC-C†PëPSCr/P±PµPSP·PsC—P»Cr
PïPµCñPsPeCl'PëPrCr Cr PïPµCñC-PsPr PiPsPrCrPIP°PSPSClI PïCñCrPrPrCñ PSPµ
PïCñPsPIPsPrPëP»PsCl'CH. PµCñPë C†CHPsPjCr PIC-PrPsPjPs, C%Ps
C±PµCñPµP·CëPeC-CñPSP° P°PrCl'PsCñP±C†C-ClI
PeP»C-PSPPrP°PjC-C†PëPSCr/P±PµPSP·PsC—P»Cr PïPµCñPsPeCl'PëPrCr C" PSPëP·CHPePsCñ;
PSPµPIC-PrPsPjPs, C±Pë PµPeCl'PeCñPµC,CrC"C,CHCl'ClI PeP»C-PSPPrP°PjC-C†PëPS P°P±Ps
P±PµPSP·PsC—P»Cr PïPµCñPsPeCl'PëPr P· PïCñCrPrPSPëPj PjPsP»PsPePsPj PïCñPë
PjC-Cl'C†PµPIPsPjCr P·P°Cl'C,PsCl'CrPIP°PSPSC-.B PµCñPsC,Pµ PïPsPIC-PrPsPjP»ClIP»PsCl'ClI
PïCñPs PSP°ClIPIPS-Cl'C,CH PeP»C-PSPPrP°PjC-C†PëPSCr Cr PïCñCrPrPSPsPjCr PjPsP»PsC†C-
PïC-Cl'P»ClI PïPµCñPsCñP°P»CHPSPsPiPs C- PïP°CñPµPSC,PµCñP°P»CHPSPsPiPs
P·P°Cl'C,PsCl'CrPIP°PSPSClI PïCñPµPïP°CñP°C,Cr.

PÿPsPjCr Cr PïPµCñC-PsPr PiPsPrCrPIP°PSPSClI PïCñCrPrPrCñ P»C-PeP°Cñ PjPsP¶Pµ
PïCñPëP·PSP°C±PëC,Pë PïCñPµPiP°CñP°C, P»PëCëPµ C,PsPrC-, PePsP»Pë
PïPµCñPµPrP±P°C±CrPIP°PSP° PePsCñPëCl'C,CH PrP»ClI PjP°C,PµCñC- PïPµCñPµPIPëC%CrC"
PïPsC,PµPSC†C-PNëPSPëPNë CñPëP·PëPe PrP»ClI PrPëC,PëPSPë.

P©PsP± CrPSPëPePSCrC,Pë PIPëPiP°PrPePsPIPsPiPs PïCñPsPePsPIC,CrPIP°PSPSClI PiPµP»Cñ
P"CrP°Pe PSPµPjPsPIP»ClIPj PïCñPë PIPëPePsCñPëCl'C,P°PSPSC- PNëPsPiPs PjP°C,C-CñBñ™ Cñ

PiC-Pr C†P°CÍ P»P°PeC,P°C†C-C—, PiPµP»CH PSPµ CÍP»C-Pr PSP°PSPsCÍPëC,Pë PSP° PrC-P»CÍPSPeCí PiCḡCíPrPµPN.

P—PrP°C,PSC-CÍC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CH CḡPµP°PeC†C-C— PiCḡPë PePµCḡCíPIP°PSPSC- P°PIC,PsC,CḡP°PSCÍPiPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.

P°PscÍP»C-PrP¶PµPSCḡ P· PIPëPIC†PµPSPSCÍ C,P°PePsPiPs PIPiP»PëPICí PSPµ PiCḡPsPiPsPrPëP»PsCÍCH. P— PsPiP»CÍPrCí PSP° PiCḡPsC,,C-P»CH PiPsP±C-C†PSPëC... CḡPµP°PeC†C-PN PiCḡPµPiP°CḡP°C,Cí PSPµPiP°C,PëPIPSsPiPs PIPiP»PëPICí PSPµ PsC†C-PeCíC”C,CHCÍCÍ.

PŸPiPsCÍC-P± P·P°CÍC,PsCÍCíPIP°PSPSCÍ C,P° PrPsP·Pë.

PŸC-P»CHPePë PrP»CÍ P·PsPIPS-C€PSCḡPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ.

P°PscḡPsCÍP»C- C,P° PrC-C,Pë PIC-PePsPj PIC-Pr 12 CḡPsPeC-PI.

P°CíP°Pe PSP°PSPsCÍCÍC,CH PsPrPëPS CḡP°P· PSP° PrPµPSCḡ CíPIPµC†PµCḡC- PSP° CíCḡP°P¶PµPSC- PrC-P»CÍPSPePë PiC-CÍP»CÍ CḡPµC,PµP»CHPSPsPiPs PsC†PëC%PµPSPSCÍ, PiCḡPsPjPëPIP°PSPSCÍ C€PeC-CḡPë PIPsPrPsCḡ C,P° PIPëCíCíC€CíPIP°PSPSCÍ. PİPeC%Ps PiPµP»CH PSPµ PIC,PëCḡP°C”C,CHCÍCÍ Cí C€PeC-CḡCí P»PµPiPePs, C†Pµ CÍPIC-PrC†PëC,CH PiCḡPs PSP°PrPjC-CḡPSCí PNPsPiPs PeC-P»CHPeC-CÍC,CH.

PµC-CÍP»CÍ PSP°PSPµCÍPµPSPSCÍ PiPµP»Cḡ CÍP»C-Pr PIPëPjPëC,Pë CḡCíPePë. PµP°C†C-C”PSC, PjPsP¶Pµ P·P°CÍC,PsCÍCíPIP°C,Pë P·PIPsP»PsP¶CíCḡC†PëPN P·P°CÍC-P± Cí CḡP°P·C- PSPµPsP±C...C-PrPSPsCÍC,C-.

Pj CḡP°P·C- PiPsCÍPIPë PSP°PrPjC-CḡPSPsC— CÍCíC...PsCÍC,C- P°P±Ps P·P»CíC%CíPIP°PSPSCÍ C€PeC-CḡPë CÍP»C-Pr P·PjPµPSC€PëC,Pë C†P°CÍC,PsC,Cí P·P°CÍC,PsCÍCíPIP°PSPSCÍ P°P±Ps C,PëPjC†P°CíPsPIPs PiCḡPëPiPëPSPëC,Pë P»C-PeCíPIP°PSPSCÍ. PµCḡPë P·P°CÍC,PsCÍCíPIP°PSPSC- P· C†P°CÍC,PsC,PsCḡ PjPµPSC€PsCḡ P·P°B 1 CḡP°P· PSP° PrPsP±Cí PµC,,PµPeC,PëPIPS-CÍC,CH P»C-PeCíPIP°PSPSCÍ PSPµ PrPsPIPµPrPµPSP°. P—P°CÍC,PsCÍPsPICíPIP°C,Pë PiPµP»CH PSPµ P±C-P»CHC€Pµ 1 CḡP°P·Cí PSP° PrPsP±Cí.

PµP°C†C-C”PSC,C-PI CÍP»C-Pr PiPsPiPµCḡPµPrPëC,Pë, C%Ps P·P±C-P»CHC€PµPSPSCÍ PeC-P»CHPePsCÍC,C- PSP°PSPµCÍPµPSPsPiPs PiPµP»Cḡ PSPµ P·P±C-P»CHC€CíC” PµC,,PµPeC,PëPIPS-CÍC,CHB P·P°CÍC,PsCÍCíPIP°PSPSCÍ PiCḡPµPiP°CḡP°C,Cí, P° P·P±C-P»CHC€CíC” CḡPëP·PëPe PiPsPrCḡP°P·PSPµPSPSCÍ C€PeC-CḡPë.

P°P»CÍ PiPsCÍPIPë C,PµCḡP°PiPµPIC,PëC†PSPsPiPs PµC,,PµPeC,Cí PjPsP¶Pµ P·PSP°PrPsP±PëC,PëCíCH PIC-Pr 2 PrPs 5 C,PëP¶PSC-PI P»C-PeCíPIP°PSPSCÍ. PḡP°PeCíPëPjP°P»CHPSPëPN PeCíCḡCí P»C-PeCíPIP°PSPSCÍ CÍPeP»P°PrP°C” 12 C,PëP¶PSC-PI.

P°C-C,Pë.

PkPp P·P°CΓC,PsCΓPsPICrCThC,Ch PrC-C,CΠPj PIC-PePsPj PrPs 12 CThPsPeC-PI.

PμPμCΠPμPΓPsP·CζPIP°PSPSCΠ.

$\text{P}\acute{\text{K}}\text{P}^{\circ}\text{P}\text{rPjC}-\text{C}\bar{\text{H}}\text{PSP}\mu\text{ PjC}-\text{C}\bar{\text{I}}\text{C}\dagger\text{P}\mu\text{PIP}\mu\text{ PSP}^{\circ}\text{PSP}\mu\text{C}\bar{\text{I}}\text{P}\mu\text{PSPSC}\bar{\text{I}}\bar{\text{I}}$
 $\text{PeP}\gg\text{C}-\text{PSP}\text{rP}^{\circ}\text{PjC}-\text{C}\dagger\text{P}\bar{\text{e}}\text{PSC}\bar{\text{r}}/\text{P}\pm\text{P}\mu\text{PSP}\cdot\text{PsC}-\text{P}\gg\text{C}\bar{\text{r}}\text{ P}\bar{\text{i}}\text{P}\mu\text{C}\bar{\text{H}}\text{PsPeC}\bar{\text{I}}\text{P}\bar{\text{e}}\text{PrC}\bar{\text{r}}\text{ PjPsP}\P\text{P}\mu$
 $\text{C}\bar{\text{I}}\text{P}\bar{\text{i}}\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{C}\dagger\text{P}\bar{\text{e}}\text{PSP}\bar{\text{e}}\text{C},\text{P}\bar{\text{e}}\text{ C},\text{C}\bar{\text{I}}\text{P}\P\text{PeP}\mu\text{ P}\bar{\text{i}}\text{PsPrC}\bar{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{PSP}\mu\text{PSPSC}\bar{\text{I}}\bar{\text{I}}\text{ C}\notin\text{PeC}-\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}.\text{PJ C},\text{P}^{\circ}\text{PePsPjC}\bar{\text{r}}$
 $\text{C}\bar{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{C}-\text{cP}\gg\text{C}-\text{Pr}\text{ P}\bar{\text{i}}\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{P}\bar{\text{i}}\text{P}\bar{\text{e}}\text{PSP}\bar{\text{e}}\text{C},\text{P}\bar{\text{e}}\text{ P}\gg\text{C}-\text{PeC}\bar{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\bar{\text{I}}\bar{\text{I}}\text{ C},\text{P}^{\circ}\text{ P}\cdot\text{P}^{\circ}\text{C}\dagger\text{P}\mu\text{PeP}^{\circ}\text{C},\text{P}\bar{\text{e}}$
 $\text{P}\cdot\text{P}^{\circ}\text{PiPsC}\bar{\text{H}}\text{PIP}^{\circ}\text{PSPSC}\bar{\text{I}}\bar{\text{I}}\text{ P}\bar{\text{i}}\text{PsPrC}\bar{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{PSP}\mu\text{PSC}\bar{\text{H}}.$

$\text{P}\mu\text{C}\eta\text{P}\ddot{\text{e}}\text{PjC-Cl}\dot{\text{C}}\dagger\text{P}\mu\text{PIPsPjCr}\text{P}\cdot\text{P}^\circ\text{Cl}\dot{\text{C}},\text{PsCl}\dot{\text{C}}\text{rPIP}^\circ\text{PSPSC-}\text{P}\pm\text{P}\mu\text{PSP}\cdot\text{PsC}-\text{P}\rangle\text{Cr}$
 $\text{PiP}\mu\text{C}\eta\text{PsPeCl}\dot{\text{P}}\ddot{\text{e}}\text{Pr}\text{P}\cdot\text{P}^\circ\text{PiP}^\circ\text{P}\rangle\text{PsPj}\text{PSP}\mu\text{P}^\circ\text{P}\pm\text{Cl}\dot{\text{P}}\text{PsC}\eta\text{P}\pm\text{Cr}\dot{\text{C}}''\text{C},\text{CH}\dot{\text{C}}\dot{\text{C}}\dot{\text{C}}\dot{\text{C}}\dot{\text{C}}\text{Cr}$
 $\text{PeC-P}\rangle\text{CH}\dot{\text{P}}\text{PePsCl}\dot{\text{C}},\text{C-},\text{PrPsCl}\dot{\text{C}},\text{P}^\circ\text{C},\text{PSC-PM}\ddot{\text{e}}\text{PrP}\rangle\text{Cl}\dot{\text{C}}\dot{\text{C}}\dot{\text{P}}\ddot{\text{e}}\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSP}\mu\text{PSPSC}\dot{\text{C}}\dot{\text{C}}$
 $\text{Cl}\dot{\text{P}}\ddot{\text{e}}\text{Cl}\dot{\text{C}},\text{P}\mu\text{PjPSPsPiPs}\text{P}\mu\text{C},,\text{P}\mu\text{PeC},\text{Cr}.$

PkP°PrPjC-CĤPSPμ PjC-CÍC†PμPIPμ PSP°PSPμCÍPμPSPSCĬ PeP»C-PSPTrP°PjC-C†PēPSCř
PjPsP¶Pμ CÍPīCĤPēC‡PēPSPēC,Pē PNēPsPiPs P°P±CÍPsCĤP±C†C-CĤ Cř PeC-P»CHPePsCÍC,C-,
C%Ps PrPsCÍC,P°C,PSCĬ PrP»CĬ PIPēPSPēPePSPμPSPSCĬ CÍPēCÍC,PμPjPSPsPiPs
PuC,,PuPeC,Cř.

Pj C₇H₇P^o·C- PIPëPiP^oPrPePsPIPsPiPs P·P^oCl^oC,PsCl^oC^oPIP^oPSPSC₁₁ PiC₇H₇P_μPiP^oC₇H₇P^oC,C^o
PIPSC^oC,C₇H₇C-CëPSC₁₁Ps PjPsP₁₁C^oC,C₇H₇ Cl^oPiPsCl^oC,P_μC₇H₇C-PiP^oC,PëCl^oC₁₁ PiPsP±C-C₁₁PSC-
C₇H₇P_μP^oPeC^oC-C- P· P±PsPeC^oC CëP»C^oPSPePsPIPs-PePëCëPePsPIPsPiPs C,C₇H₇P^oPeC,C^o,
PiPsPrC-P±PSC- PrPs C,PëC..., C₇H₇Ps Cl^oPiPsCl^oC,P_μC₇H₇C-PiP^oC₇H₇C,C₇H₇Cl^oC₁₁ PiC₇H₇Pë
Cl^oPëCl^oC,P_μPjPSPSPjC^oP·P^oCl^oC,PsCl^oC^oPIP^oPSPSC- PeP»C-PSPPrP^oPjC-C₁₁PëPSC^oC.

P''P»CΠ P·PjPμPSCεPμPSPSCΠ CΓPëPjPiC,PsPjC-PI PiPsPrCḡP°P·PSPμPSPSCΠ CΓ CḡP°P·C-
PSP°PrPjC-CḡPSPSPiPs PjC-CΓC†PμPIPsPiPs PSP°PSPμCΓPμPSPSCΠ CΓP»C-Pr PIP¶PëC,Pë
PIC-PrPiPsPIC-PrPSPëC... CΓPëPjPiC,PsPjP°C,PëC‡PSPëC... P·P°C...PsPrC-PI. PJ CḡP°P·C-
PIPëPiP°PrPePsPIPsPiPs P·P°CΓC,PsCΓCΓPIP°PSPSCΠ PIPSCΓC,CḡC-CεPSCḡPs CΓP»C-Pr
PSP°PrP°C,Pë PIC-PrPiPsPIC-PrPSCr PeP»C-PSC-C‡PSCr PrPsPiPsPjPsPiCΓ.

$$P_{\psi}P_{\sigma}P_{\pm}C-C\neq PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\neq C-C-.$$

$\text{P}_{\mu}\text{P}\pm\text{C}-\text{C}\ddagger\text{PSC}-\text{C}\ddagger\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-\text{P}\ddot{\text{P}}\text{PsPrP}^{\circ}\text{PSPs PI CrP}\cdot\text{P}^{\circ}\text{PiP}^{\circ}\text{P}\rangle\text{CH}\ddot{\text{P}}\text{SP}_{\mu}\text{PSPsPjCr}$
 $\text{PIP}\ddot{\text{P}}\text{PiP}\rangle\text{C}\ddot{\text{P}}\text{PrC}-\text{PiC}\ddot{\text{P}}\text{P}\ddot{\text{P}}\text{P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC}\ddagger\text{C}\ddagger\text{PIP}^{\circ}\text{PSPSC}-\text{PePsPjP}\pm\text{C}-\text{PSP}^{\circ}\text{C}\ddagger\text{C}-\text{C}-\text{C},\text{P}^{\circ}\text{B PiC}\ddot{\text{P}}\text{P}\ddot{\text{P}}$
 $\text{PsPeC}\ddot{\text{P}}\text{P}_{\mu}\text{PjPsPjCr P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC}\ddagger\text{C}\ddagger\text{PIP}^{\circ}\text{PSPSC}-\text{PrC}-\text{C}\ddot{\text{P}}\text{C}\ddagger\text{P}\ddot{\text{P}}\text{C}\dots\text{C}\ddot{\text{P}}\text{P}_{\mu}\text{C}\ddagger\text{PsPIP}\ddot{\text{P}}\text{PS}$
 $\text{PiC}\ddot{\text{P}}\text{P}_{\mu}\text{PiP}^{\circ}\text{C}\ddot{\text{P}}\text{P}^{\circ}\text{C},\text{Cr B}\ddot{\text{P}}^{\circ}\text{P}\pm\text{P}_{\mu}\text{PSP}\cdot\text{PsC}-\text{P}\rangle\text{Cr PiP}_{\mu}\text{C}\ddot{\text{P}}\text{PsPeC}\ddagger\text{P}\ddot{\text{P}}\text{PrCr C},\text{P}^{\circ}$
 $\text{PeP}\rangle\text{C}-\text{PSPPrP}^{\circ}\text{PjC}-\text{C}\ddagger\text{P}\ddot{\text{P}}\text{PSCr. P}_{\mu}\text{PsP}\pm\text{C}-\text{C}\ddagger\text{PSC}-\text{C}\ddot{\text{P}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-\text{PiC}\ddot{\text{P}}\text{P}_{\mu}\text{PrC}\ddagger\text{C},\text{P}^{\circ}\text{PIP}\rangle\text{P}_{\mu}\text{PSPs}$
 $\text{P}\cdot\text{PiC}-\text{PrPSPs P}\cdot\text{PeP}\rangle\text{P}^{\circ}\text{C}\ddagger\text{P}\ddot{\text{P}}\text{C},\text{C}-\text{PeP}^{\circ}\text{C}\ddagger\text{C}-\text{C}^{\circ}\text{C}\ddot{\text{P}}\text{ MedDRA C},\text{P}^{\circ}\text{P}\cdot\text{P}^{\circ}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC},\text{PsC}\ddot{\text{P}}\text{ (PrP}\ddot{\text{P}}\text{PI.}$
 $\text{C},\text{P}^{\circ}\text{P}\pm\text{P}\rangle\text{P}\ddot{\text{P}}\text{C}\ddagger\text{C}\ddot{\text{P}}\text{ 1). P}\ddot{\text{P}}\text{P}^{\circ}\text{C}\ddagger\text{C},\text{PsC},\text{Cr PIP}\ddot{\text{P}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}_{\mu}\text{PSPs C},\text{P}^{\circ}\text{PeP}\ddot{\text{P}}\text{Pj C}\ddagger\text{P}\ddot{\text{P}}\text{PSPsPj: PrCrP}\ddot{\text{P}}\text{P}_{\mu}$
 $\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps} (\geq 1/10); \text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps} (\geq 1/100 \text{ C},\text{P}^{\circ} < 1/10); \text{PSP}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{C}\ddagger\text{C},\text{Ps} (\geq 1/1000 \text{ C},\text{P}^{\circ} <$
 $1/100); \text{C}\ddot{\text{P}}\text{C}-\text{PrPePs} (\geq 1/10000 \text{ C},\text{P}^{\circ} < 1/1000) \text{ C},\text{P}^{\circ} \text{PSP}_{\mu}\text{PIC}-\text{PrPsPjPs (PSP}_{\mu} \text{PjPsP}\ddot{\text{P}}\text{PSP}^{\circ}$
 $\text{PIP}\ddot{\text{P}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}\ddot{\text{P}}\text{C.}\ddot{\text{P}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddot{\text{P}}\text{IPSP}\ddot{\text{P}}\text{C}\dots\text{PrP}^{\circ}\text{PSP}\ddot{\text{P}}\text{C}\dots).$

$$\text{P}\ddot{\text{Y}}\text{P}^{\circ}\text{P}\pm\text{P}\gg\text{P}\ddot{\text{E}}\text{C}^{\dagger}\text{C}\text{II} \text{ 1. } \text{P}_{\text{II}}\text{P}_{\text{S}}\text{P}\pm\text{C}-\text{C}\pm\text{PSC}-\text{C}\ddot{\text{H}}\text{P}_{\text{U}}\text{P}^{\circ}\text{P}_{\text{E}}\text{C}^{\dagger}\text{C}-\text{C}-\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{E}} \text{ P}\cdot\text{P}^{\circ}\text{C}^{\dagger}\text{C}, \text{P}_{\text{S}}\text{C}^{\dagger}\text{C}\ddot{\text{r}}\text{P}\text{I}\text{P}^{\circ}\text{PSPSC}-$$

PrC-CHC#PëC... CĤPμC#PsPIPëPS PïCĤPμPïP°CĤP°C,Cr BĤ“ P±PμPSP·PsC—P»Cr
PïPμCĤPsPeCĤPëPrCr C,P° PeP»C-PSPrP°PjC-C†PëPSCr.

РлР»Р°СГГ СГРëСГС,РμРјРë РsСĤРІР°РSC-PI Р·Р° MedDRA	Р”СГР¶Рμ С#Р°СГС,Ps	Р§Р°СГС,Ps	РќРμC#Р°СГС,Ps	РќРμPIC-PrPsPjPs™
РμPsСĤСГСĤРμPSPSCĤ Р· Р±PsPeСГ С-РјСГРPSPSPsC— СГРëСГС,РμРјРë				PhP»PμCĤPIC-C#PSC- CĤPμP°PeC†C-C—, PIPeP»CHC#P°CHC#Pë PIC-PIPμCĤC#CГC,P»PëPIC-СГС,СĤ C,P° P°PSP°C,C-P»P°PeCГС-CĤ
РμPsСĤСГСĤРμPSPSCĤ Р· Р±PsPeСГ PSPμCĤPIPSPsC— СГРëСГС,РμРјРë*			РμP°CĤPμCГС,РμP·C-СĤ	
Р”Р°СГС,СĤPsC-PSC,РμCГC,РëPSP°P»СĤPSC- PïPsСĤСГСĤРμPSPSCĤ				РлPsP»C-C, (PIPeP»CHC#P°CHC#Pë PIC†PμPIPrPsPjPμPjP±CĤP°PSPsP·PSPëPμ PePsP»C-C.), PiPμPjPsCĤP°PIC-C#PSP° PrC-P°CĤPμCĤ, PrC-P°CĤPμCĤ, P±C-P»СĤ Cr P¶PëPIPsC,C-
РμPsСĤСГСĤРμPSPSCĤ Р· Р±PsPeСГ СĤРeC-СĤРë C,P° PïC-PrCĤРeC-СĤPSPsC— РeP»C-C,PePsPIPëPSPë*	Р·СĤРëC,РμРјР°, Р·Р·СГС%oСГРІР°PSPSCĤ, СГСГC...C-СГС,СĤ (PiPsP»PsPIPSPëPj C#PëPSPsPj PïPsPIC-PrPsPjP»CĤP»PsCГСĤ CĤPëB PïCĤPs CĤPIPëC%oP° PïPsPjC-СĤPSPsC— C-PSC,РμPSC†PëPIPsCГС,C-)	Р’C-PrC#CГC,C,СĤ PïPμC#C-PSPSCĤ	РлPsPSC,P°PeC,PSPëPμ PrPμCĤPjP°C,PëC,, СГРІРμCĤP±C-Р¶, РμCĤРëC,РμPjP°C,PsP·-PSPëPμ PIPëC†PëPi, Р·Р°PiPsCГС,СĤPμPSPSCĤ Р°PePSPμ	РлCĤPsPïPëPiBĤ™ СĤPSPëP°
Р—Р°РІР°P»СĤPSC- PïPsСĤСГСĤРμPSPSCĤ C,P° PïPsСĤСГСĤРμPSPSCĤ PІ PjC-СГС†C- PSP°PSPμCГРμPSPSCĤ				Р PμP°PeC†C-C— PІ PjC-СГС†C- PSP°PSPμCГРμPSPSCĤ, PIPeP»CHC#P°CHC#Pë Р·PSPμP±P°CĤРІР»PμPSPSCĤ

*Р’ РјC-СГС†C- PSP°PSPμCГРμPSPSCĤ.

**РќР° РsCГРPSPsPIC- PrP°PSPëC... PïPsCГС,РјP°CĤPePμC,РëPSPiPsPIPëC...
СГРPïPsCГС,РμCĤPμP¶PμPSCĤ. PhCГРeC-P»СĤPePë C†C- СГРPïPsCГС,РμCĤPμP¶PμPSPSCĤ
PsC...PsPïP»СĤСĤC,СĤ PïCĤСГРPïPë PSP°СГРμP»PμPSPSCĤ PSPμPIC-PrPsPjPsC—
C#PëCГРμP»СĤPSPsCГС,C- C,P° PIPeP»CHC#P°CHC,СĤ Р·PjC-CĤP°PSC- C,,P°PeC,PsCĤPë,
PSPμPjPsP¶P»PëPIPs PrPsCГС,PsPIC-СĤPSPs PsC†C-PSPëC,Pë C—C... C#P°СГС,PsC,Cr, PïCĤPë
C†СĤPsPjCr СГРëСГС,РμPjPSC- CĤPμP°PeC†C-C— Р·СГСГС,СĤC-C#P°P»PëCГСĤ CĤC-PrPePs.

РќР° PrPsPrP°C,PsPe PrPs PïPsP±C-C#PSPëC... CĤPμP°PeC†C-Pμ, СĤPeC- PSP°PIPμPrPμPSPs Cr
C,P°P±P»PëC†C- PIPëC%oPμ, Cr PiPsP»PsPIPSPsPjCr PeP»C-PSC-C#PSPsPjCr
PrPsCГР»C-PrP¶PμPSPSC- C-P· Р·Р°СГС,PsCГСРІР°PSPSCĤPj PjC-СГС†C†PμPIPs
PeP»C-PSPrP°PjC-C†PëPSCr 1%/P±PμPSP·PsC—P»Cr PïPμCĤPsPeCĤPëPrCr 3 %, PiPμP»СĤ,
C#P°СГС,Ps СГРPïPsCГС,РμCĤC-PiP°P»PëCГСĤ CĤPμP°PeC†C-C—
C,,PsC,PsCГРμPSC†PëP±C-P»C-P·Р°C†C-C— PІ PjC-СГС†C- PSP°PSPμCГРμPSPSCĤ.

РĤC-СГС†C†PμPIP° PïPμCĤPμPSPsCГРPëPjC-СГС,СĤ

Р—Р° PrP°PSPëPjPë 5 PeP»C-PSC-C#PSPëC... PrPsCГР»C-PrP¶PμPSCĤ C-P·
Р·Р°СГС,PsCГСРІР°PSPSCĤPj PiPμP»СĤ Р”СГР°Рe PICГС-C... PïP°C†C-C”PSC,C-PI P±CГР»Ps
PeP»P°СГРëC,,C-PePsPIP°PSPs Р·Р° СГС,СГРPïPμPSPμPj РμCĤРëC,РμPjPë,
Р·P»СГС%oСГРІР°PSPSCĤ, PIC-PrC#CГC,C,СĤ PïPμC#C-PSPSCĤ C,P° СГСГC...PsCГС,C-
Р·PiC-PrPSPs Р· C,P°PePsСĤ СĤPeP°P»PsСĤ: 0 BĤ“ PIC-PrCГСРC,PSC- PïCĤPsCĤPIPë, 1 BĤ“
СГРP»P°P±PePëPμ, 2 BĤ“ PïPsPjC-CĤPSPëPμ, 3 BĤ“ C,СĤP¶PePëPμ СГС,СГРPïC-PSCĤ.
Р’C-PrCГРPsC,PsPe PïP°C†C-C”PSC,C-PI, СĤPeC- PjP°P»Pë СГРPëPjPiC,PsPjPë PrPs C,P°
PïCĤPsC,СĤPiPsPj P»C-PeCГРІР°PSPSCĤ, PïCĤPμPrCГС,P°PIP»PμPSPs Cr C,P°P±P»PëC†C- 2.

РŸР°P±P»PëC†CĤ 2. РĤC-СГС†C†PμPIP° PïPμCĤPμPSPsCГРPëPjC-СГС,СĤ PiPμP»СĤ Р”СГР°Рe
PïCĤPë Р·Р°СГС,PsCГСРІР°PSPSC- PμPsPiPs PsPrPëPS CĤP°P· PSP° PrPsP±CГ Cr

$$\text{Pi}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}^{\circ}\text{PSC},\text{C}-\text{PI} \ (n=397), \ \text{C}\ddot{\text{I}}\text{P}\text{eC}-\text{P}\pm\text{C}\ddot{\text{I}}\text{P}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}} \ \text{C}^{\dagger}\text{C}\ddagger\text{P}^{\circ}\text{C}^{\dagger}\text{C},\text{CH} \ \text{C}^{\dagger} \ 3 \ \text{C},\text{P}^{\circ}\text{P}\cdot\text{C}-\text{PeP}\gg\text{C}-\text{PSC}-\text{C}\ddagger\text{PSPsPiPs} \ \text{PrPsC}^{\dagger}\text{P}\gg\text{C}-\text{PrP}\ddagger\text{PuPSPSC}\ddot{\text{I}}.$$

	P⁺Ps P⁺C-PeCfPIP⁺PSPSCII			PuCfP⁺Sc, CIIPI⁺P⁺P⁺C-PeCfPIP⁺PSPSCII		
PuPsP⁺C-C⁺PSC-CfP⁺P⁺PeC⁺C-C-	PYP⁺P⁺P⁺PeP⁺PeN⁺	PuPsP⁺J⁺C-CfPSP⁺PeN⁺	P⁺YCIIPI⁺PeP⁺PeN⁺	PYP⁺P⁺P⁺PeP⁺PeN⁺	PuPsP⁺J⁺C-CfPSP⁺PeN⁺	P⁺YCIIPI⁺PeP⁺PeN⁺
CfC, CfPiC-PSCH	CfC, CfPiC-PSCH	CfC, CfPiC-PSCH	CfC, CfPiC-PSCH	CfC, CfPiC-PSCH	CfC, CfPiC-PSCH	CfC, CfPiC-PSCH
P⁺CfP⁺Sc, PuP⁺J⁺P⁺	28%	3%	0	26%	5%	0
P-P⁺CfC⁺PeCfPIP⁺PSPSCII	6%	<1%	0	17%	2%	0
P⁺C-P⁺C⁺CfC, C, CII	3%	<1%	0	5%	<1%	0
PiP⁺P⁺C⁺C-PSPSCII						
PYCfC...C-CfC, CH	6%	<1%	0	15%	1%	0

*P*ϐ*P*μ*C*⊂*P*⊃*C*-*PS* *P*⊃*C*⊂*P*⊃*P*⊃*P*°*C*,*PS**P*⊃*C*⊃*C*,*C*-.

1,5 C₇H₉N₃O₆.

PyPμCȦPjC-PS PĭCȦPĕPτP°C,PSPsCĬC,C- PĭC-CĬP»CȦ PĭPμCȦCĖPsPiPs PIC-PτPĕCȦPĕC,C,CȦ
C,CȦP±Pĕ BȦ“ 2 PjC-CĬCȦCȦC-.

PjPjPsPIPë P·P±PμCηC-PiP°PSPSCη.

$P-P \pm P_{\mu}C\overline{H}_2C-PiP^{\circ}C, P\ddot{e}$ PI $PSP_{\mu}PrPsC\acute{r}C, C\acute{r}P\ddot{e}PSPsPjC\acute{r}$ $PrP \gg C\overline{H}_2$ $PrC-C, P_{\mu}PN_2$ $PjC-C\acute{r}C\ddagger C-$.
 $P-P \pm P_{\mu}C\overline{H}_2C-PiP^{\circ}C, P\ddot{e}$ PI $C...PsP \gg PsPrP\ddot{e}P \gg CH_2PSP\ddot{e}PeC\acute{r}$ ($2B\overline{H}_2^{\circ}8^{\circ}P\ddot{Y}$). PkP_{μ}
 $P \cdot P^{\circ}PjPsC\overline{H}_2PsP\overline{H}_2C\acute{r}PiP^{\circ}C, P\ddot{e}$.

$PJPjPsPIP\ddot{e} \cdot P \cdot P \pm P_{\mu}C\overline{H}C - PiP^{\circ}PSPSC\overline{U} \cdot P\ddot{C} - C\acute{I}P \gg C\overline{U} \cdot P\ddot{i}P_{\mu}C\overline{H}C\epsilon PsPiPs \cdot PIC - PrPeC\overline{H}P\ddot{e}C, C, C\overline{U} \cdot C, C\acute{I}P \pm P\ddot{e}.$

P—P±P_μC₇H—PiP°C,Pë PI PSP_μPrPsC₇H₇C,C₇H₇PiPSPsPjC₇H₇PrP»C₇H₇PrC—C,P_μPN₂ PjC—C₇H₇C— PiC₇H₇Pë C,P_μPiP_μC₇H₇P°C,C₇H₇C— PSP_μ PIPëC%P_μ 25 B°P_Y.

P|P⁺P⁺P⁺P|P⁺P⁺.

P₄Ps 15 Pi P°P±Ps P₄Ps 25 Pi, P°P±Ps P₄Ps 30 Pi PI C,CrP±C-, P₄Ps 1 C,CrP±C- PI
PeP°C₇H₅PsPSPSC-PN₂ PePsC₇H₅PsP±C†C-.

$$\mathbf{P_{\text{Л}}P^{\circ}C, P_{\text{П}}P_iP_sC\overline{H}C-C\overline{H}P_iC-P_rP_iC_rC_rP_eC_r, P_rP_{\text{П}}P\cdot B\ C\overline{H}P_{\text{П}}C^{\dagger}P_{\text{П}}P_iC, P^{\circ}.$$

P'PëCḥPsP±PSPëPε.

P°P»P°PeCÍPs PhPíPuCHPuPNcC€PSCÍ P®Pљ P>C-PíC-C,PuPr, P'PuP»PëPeP° P'CHPëC,P°PSC-Cl.

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$$\mathbf{P_{H_2}C-C\dot{I}C^+P_{\mu}P\cdot PSP^{\circ}C...P_{\delta}P_{\gamma}P_{\gamma}P_{\mu}PSPSC_{II}PIP\ddot{e}CH_2P_{\delta}P_{\pm}PSP\ddot{e}PeP^{\circ}C,P^{\circ}P^{\circ}P_{\gamma}CH_2P_{\mu}C\dot{I}P^{\circ}}$$

PjC-CfC†Cf PïCfPSPiP°PrP¶PµPSPSCf PNºPSPiPs PrC-CfP»CHPSPsCfC,C-.

P“P»P°PeCfPs PhPiPµCfPµPNºC€PSCf P®Pъ P>C-PjC-C,PµPr, PΓP°CfPjC-Cf P PsCfPr,
P’P°CfPSP°CfPr PъP°CfC,P», DL12 8DT, P’PµP»PëPeP° P’CfPëC,P°PSC-Cf.

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