

$P \pm P^\circ PeC, P_\mu C_{\overline{H}}C - P^\circ P \gg CH_3PSPsC - C_{\overline{H}}P \pm PsC_{\overline{H}}PsPjP \ddot{e} C, P^\circ P \ddot{e} C_{\overline{H}}P \ddot{e} PiPSC - C \ddagger Cr C_{\overline{H}}C, CH_3$
 $C_{\overline{H}}P^\circ PSPSC - C_{\overline{H}}C, P^\circ PrC - C - C_{\overline{H}}P \ddot{e} PSC, P_\mu P \cdot Cr P \pm C - P \gg PeP^\circ. P''C - C_{\overline{H}} PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr$
 $C'' P \ddot{e} P_\mu C_{\overline{H}}P_\mu PIP^\circ P \parallel PSPs P \pm P^\circ PeC, P_\mu C_{\overline{H}}C - PsC_{\overline{H}}C, P^\circ C, P \ddot{e} C \ddagger PSPsC_{\overline{H}}, C...PsC \ddagger P^\circ PIP \ddot{e} C_{\overline{H}}PsPeC -$
 $PePsPSC \ddagger P_\mu PSC, C_{\overline{H}}P^\circ C \ddagger C - C - PjPsP \parallel CrC, CH_3 C \ddagger P \ddot{e} PSP \ddot{e} C, P \ddot{e} P \ddot{e} PsPIC - P \gg CH_3PSCr$
 $P \pm P^\circ PeC, P_\mu C_{\overline{H}}P \ddot{e} C \ddagger P \ddot{e} PrPSCr PrC - C_{\overline{H}} P \ddot{e} C_{\overline{H}}PsC, P \ddot{e} C \ddagger CrC, P \gg P \ddot{e} PIP \ddot{e} C... C \ddot{e} C, P^\circ PjC - PI.$

$PIPsC \ddagger P^\circ PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr C, PsC_{\overline{H}}C, P^\circ C, C'' PSP_\mu P^\circ PeC, P \ddot{e} PIPSP \ddot{e} Pj \text{ in vitro},$
 $C \ddot{e} PIP \ddot{e} PrPeP \ddot{e} PN_{\ddot{e}} PiC - PrC_{\overline{H}}PsP \gg C - P \cdot \text{in vivo} P \ddot{e} P_\mu C_{\overline{H}}P_\mu C, PIPsC_{\overline{H}}C_{\overline{H}}C'' C \ddagger C_{\overline{H}} C_{\overline{H}}P \ddot{e} PsP \gg CrPeCr$
 $PSP^\circ B P^\circ PeC, P \ddot{e} PIPSP \ddot{e} PN_{\ddot{e}} P \ddot{e} C_{\overline{H}}PsC, P \ddot{e} P \pm P^\circ PeC, P_\mu C_{\overline{H}}C - PN_{\ddot{e}} PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PS.$
 $P \ddot{e} PSC, P \ddot{e} P \pm P^\circ PeC, P_\mu C_{\overline{H}}C - P^\circ P \gg CH_3PSP^\circ P^\circ PeC, P \ddot{e} PIPSC - C_{\overline{H}}C, CH_3 PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr$
 $P \pm CrP \gg P^\circ P \ddot{e} C_{\overline{H}}PsPrP_\mu PjPsPSCrC, C_{\overline{H}}PsPIP^\circ PSP^\circ PeP \gg C - PSC - C \ddagger PSPs P \ddot{e} C_{\overline{H}}P \ddot{e}$
 $P \gg C - PeCrPIP^\circ PSPSC - PePsPjP_\mu PrPsPSC - PI Cr P \ddot{e} P^\circ C \ddagger C - C''PSC, C - PI P \cdot P^\circ PePSP_\mu PSP^\circ$
 $C_{\overline{H}}C - PIPSC_{\overline{H}}C..., PrPsC_{\overline{H}}C, P^\circ C, PSC - C..., C\%PsP \pm P \pm CrC, P \ddot{e} P^\circ PeC, P \ddot{e} PIPSP \ddot{e} PjP \ddot{e} P \ddot{e} C_{\overline{H}}PsC, P \ddot{e}$
 $P \pm C - P \gg CH_3C \ddot{e} PsC_{\overline{H}}C, C - C \ddot{e} C, P^\circ PjC - PI *Propionibacterium acnes*. P \ddot{e} P \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PS \text{ in}$
 $\text{vivo} C - PSPiC - P \pm CrC'' PICrC - P \ddot{e} C_{\overline{H}}PsC, P_\mu C_{\overline{H}}C, PsPIP^\circ PSC - PeCrP \gg CH_3C, CrC_{\overline{H}}P \ddot{e} \text{Propionibacterium}$
 $\text{acnes} (MIC - 0,4 PjPePi/PjP \gg). P_\mu C - C_{\overline{H}}P \gg C_{\overline{H}} P \cdot P^\circ C_{\overline{H}}C, PsC_{\overline{H}}CrPIP^\circ PSPSC_{\overline{H}}$
 $PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr PIC - PrC_{\overline{H}}PsC, PsPe PIC - P \gg CH_3PSP \ddot{e} C... P \parallel P \ddot{e} C_{\overline{H}}PSP \ddot{e} C...$
 $PeP \ddot{e} C_{\overline{H}}P \gg PsC, PSP^\circ P \ddot{e} PsPIP_\mu C_{\overline{H}}C...PSC - C \ddot{e} PeC - C_{\overline{H}}P \ddot{e} P \cdot PSP \ddot{e} P \parallel CrPIP^\circ PICrC_{\overline{H}}$
 $P \ddot{e} C_{\overline{H}}P \ddot{e} P \pm P \gg P \ddot{e} P \cdot PSPs P \cdot 14 \% PrPs 2 \%.$

$P'P_\mu PSP \cdot PsC - P \gg Cr P \ddot{e} P_\mu C_{\overline{H}}PsPeC_{\overline{H}}P \ddot{e} Pr C \ddagger P \ddot{e} PSP \ddot{e} C, CH_3 PjP_{\overline{H}}^{\text{TM}} C_{\overline{H}}PeCr$
 $PeP_\mu C_{\overline{H}}P^\circ C, PsP \gg C - C, P \ddot{e} C \ddagger PSCr PrC - C_{\overline{H}} PIC - PrPSPsC_{\overline{H}}PSPs PePsPjP_\mu PrPsPSC - PI PSP^\circ PICrC - C...$
 $C_{\overline{H}}C, P^\circ PrC - C_{\overline{H}}C... C - C...PSC_{\overline{H}}PsPiPs C_{\overline{H}}PsP \cdot PIP \ddot{e} C, PeCr. P'C - PS C'' C_{\overline{H}}P_\mu C \ddagger PsPIP \ddot{e} PSPsC_{\overline{H}} -$
 $PsPeP \ddot{e} C_{\overline{H}}P \gg C_{\overline{H}}PIP^\circ C \ddagger P_\mu Pj P \cdot P \pm P^\circ PeC, P_\mu C_{\overline{H}}P \ddot{e} C \ddagger P \ddot{e} PrPSPsC_{\overline{H}} P^\circ PeC, P \ddot{e} PIPSC - C_{\overline{H}}C, C_{\overline{H}}$
 $P \ddot{e} C_{\overline{H}}PsC, P \ddot{e} \text{Propionibacterium acnes}, PjC - PeC_{\overline{H}}PsPsC_{\overline{H}}PiP^\circ PSC - P \cdot PjCr, C_{\overline{H}}PeP \ddot{e} PN_{\ddot{e}}$
 $C_{\overline{H}}P \ddot{e} C_{\overline{H}}P \ddot{e} C \ddagger P \ddot{e} PSC_{\overline{H}}C'' C_{\overline{H}}PsP \cdot PIP \ddot{e} C, PsPe PICrP \gg CH_3PiP^\circ C_{\overline{H}}PSP \ddot{e} C... PICrPiC_{\overline{H}}C - PI. P \ddot{e} C_{\overline{H}}C - Pj$
 $C, PsPiPs, PIC - PS C'' C_{\overline{H}}P_\mu P \pm PsC_{\overline{H}}C, P^\circ C, P \ddot{e} PePsPj, C_{\overline{H}}PeP \ddot{e} PN_{\ddot{e}} P \ddot{e} C_{\overline{H}}PsC, P \ddot{e} PrC - C''$
 $PSP^\circ PrPjC - C_{\overline{H}}PSC - PN_{\ddot{e}} P \ddot{e} C_{\overline{H}}PsPrCrPeC \ddagger C - C - C \ddot{e} PeC - C_{\overline{H}}PSPsPiPs C_{\overline{H}}P^\circ P \gg P^\circ, C\%Ps$
 $P^\circ C_{\overline{H}}PsC \ddagger C - C_{\overline{H}}C''C, CH_3C_{\overline{H}}C_{\overline{H}} P \cdot P^\circ PePSP_\mu.$

$P''PsPrP^\circ PIP^\circ PSPSC_{\overline{H}} P \pm P_\mu PSP \cdot PsC - P \gg Cr P \ddot{e} P_\mu C_{\overline{H}}PsPeC_{\overline{H}}P \ddot{e} PrCr P \cdot PSP \ddot{e} P \parallel CrC''$
 $P \ddot{e} PsC, P_\mu PSC \ddagger C - P^\circ P \gg P \ddot{e} PsC_{\overline{H}}PIP \ddot{e} PjC - PeC_{\overline{H}}PsPsC_{\overline{H}}PiP^\circ PSC - P \cdot PjC - PI,$
 $C_{\overline{H}}P_\mu P \cdot P \ddot{e} C_{\overline{H}}C, P_\mu PSC, PSP \ddot{e} C... PrPs PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr.$

$P \propto P^\circ C_{\overline{H}}PjP^\circ PePsPeC - PSP_\mu C, P \ddot{e} PeP^\circ$

$P \ddot{e} P_\mu C_{\overline{H}}P_\mu P \cdot C \ddot{e} PeC - C_{\overline{H}}PSP^\circ P^\circ P \pm C_{\overline{H}}PsC_{\overline{H}}P \pm C \ddagger C - C_{\overline{H}} PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr$
 $PjC - PSC - PjP^\circ P \gg CH_3PSP^\circ. P_\mu C_{\overline{H}}P \ddot{e} C_{\overline{H}}CrC, PSC - C_{\overline{H}}C, CH_3 P \pm P_\mu PSP \cdot PsC - P \gg Cr P \ddot{e} P_\mu C_{\overline{H}}PsPeC_{\overline{H}}P \ddot{e} PrCr$
 $Cr C_{\overline{H}}PeP \gg P^\circ PrC - P \gg C - PeP^\circ C_{\overline{H}}C_{\overline{H}}PePsPiPs P \cdot P^\circ C_{\overline{H}}PsP \pm Cr PSP_\mu PIP \ddot{e} P \gg P \ddot{e} PIP^\circ P \gg P^\circ PSP^\circ$
 $C \ddagger P_\mu C_{\overline{H}}P_\mu P \cdot C \ddot{e} PeC - C_{\overline{H}}PSCr P^\circ P \pm C_{\overline{H}}PsC_{\overline{H}}P \pm C \ddagger C - C_{\overline{H}} PeP \gg C - PSPrP^\circ PjC - C \ddagger P \ddot{e} PSCr.$
 $P''PsC_{\overline{H}}P \gg C - PrP \parallel P_\mu PSPSC_{\overline{H}} P \cdot C_{\overline{H}}P^\circ PrC - PsPjP^\circ C_{\overline{H}}PeCrPIP^\circ PSPSC_{\overline{H}}Pj P \ddot{e} PsPeP^\circ P \cdot P^\circ P \gg P \ddot{e}, C\%Ps$
 $P^\circ P \pm C_{\overline{H}}PsC_{\overline{H}}P \pm C \ddagger C - C_{\overline{H}} P \pm P_\mu PSP \cdot PsC - P \gg Cr P \ddot{e} P_\mu C_{\overline{H}}PsPeC_{\overline{H}}P \ddot{e} PrCr C \ddagger P_\mu C_{\overline{H}}P_\mu P \cdot C \ddot{e} PeC - C_{\overline{H}}Cr$
 $PjPsP \parallel P \gg P \ddot{e} PIP^\circ C, C - P \gg CH_3PeP \ddot{e} P \ddot{e} C - C_{\overline{H}}P \gg C_{\overline{H}} PN_{\ddot{e}} PsPiPs P \ddot{e} P_\mu C_{\overline{H}}P_\mu C, PIPsC_{\overline{H}}P_\mu PSPSC_{\overline{H}} PSP^\circ$
 $P \pm P_\mu PSP \cdot PsPN_{\ddot{e}} PSCr PeP \ddot{e} C_{\overline{H}}P \gg PsC, Cr. P'P_\mu PSP \cdot PsPN_{\ddot{e}} PSP^\circ PeP \ddot{e} C_{\overline{H}}P \gg PsC, P^\circ P \ddot{e} P_\mu C_{\overline{H}}P_\mu PIP^\circ P \parallel PSPs$
 $PePsPS_{\overline{H}}^{\text{TM}} C_{\overline{H}}PiCrC''C, CH_3C_{\overline{H}}C_{\overline{H}} P \cdot CrC, PIPsC_{\overline{H}}P_\mu PSPSC_{\overline{H}}Pj PiC - P \ddot{e} CrC_{\overline{H}}PsPIPSC -$
 $PeP \ddot{e} C_{\overline{H}}P \gg PsC, P \ddot{e}, C_{\overline{H}}PeP^\circ PIP \ddot{e} PIPsPrP \ddot{e} C, CH_3C_{\overline{H}}C_{\overline{H}} PSP \ddot{e} C_{\overline{H}}PeP^\circ PjP \ddot{e}.$

$P \ddot{e} P \gg C - PSC - C \ddagger PSC - C...P^\circ C_{\overline{H}}P^\circ PeC, P_\mu C_{\overline{H}}P \ddot{e} C_{\overline{H}}C, P \ddot{e} PeP \ddot{e}.$

$P_\mu PsPeP^\circ P \cdot P^\circ PSPSC_{\overline{H}}.$

P°P±CḡP°P·PēPIPSpPiPs PjPēP»P° C- PePsCfPjPμC,PēC±PSPēC... P·P°CfPsp±C-PI, CḡPeC-
PjP°CḡC,CH PīC-PrCfCfCēCfPIP°P»CHPSPēPNē PμC,,PμPeC,, P° C,P°PePsPḡ P·P°CfPsp±C-PI P·
PIPēCfPspPePsCḡ PePsPSC†PμPSC,CḡP°C†C-C”Cḡ CḡPIPēCḡC,Cf C,P°/P°P±Ps
Pḡḡ™ CḡPḡCfC±PēC... P°PiPμPSC,C-PI PjPsPḡP»PēPIPēPNē PeCfPjCfP»CḡC,PēPIPSpēPNē
PīC-PrCḡP°P·PSCḡPIP°P»CHPSPēPNē PμC,,PμPeC,,.

PḡCfPsp±P»PēPIPsCfC,C- P·P°CfC,PsCfC±PIP°PSPSCḡ.

PŸP»C-Pr CfPSPēPeP°C,Pē PePsPSC,P°PeC,Cf P· PsC±PēPjP°, CḡPsC,PsPj, PīCfP±P°PjPē,
C-PSCēPēPjPē CfP»PēP·PsPIPēPjPē PsP±PsP»PsSPeP°PjPē P°P±Ps PrC-P»CḡPSPeP°PjPē P·
PīPsPrCḡP°P·PSPμPSPSCḡPjPē P°P±Ps PīPsCēPePsPrPḡPμPSPSCḡPjPē CēPeC-CḡPē. Pj CḡP°P·C-
PIPēPīP°PrPePsPIPsPiPs PePsPSC,P°PeC,Cf PrPsP±CḡPμ PīCḡPsPjPēC,Pē PIPsPrPsCḡ.

PμCḡPsC,CḡPiPsPj PīPμCḡCēPēC... C,PēPḡPSC-PI P»C-PeCfPIP°PSPSCḡ Cf
P±C-P»CHCēPsCfC,C- PīP°C†C-C”PSC,C-PI PjPsPḡPμ CḡPīPsCfC,PμCḡC-PiP°C,PēCfCḡ
PīPsCfPēP»PμPSPSCḡ PIC-PrP»CfC%oCfPIP°PSPSCḡ C,P° PīPsC±PμCḡPIPsPSC-PSPSCḡ
CēPeC-CḡPē. P—P°P»PμPḡPSPs PIC-Pr C,CḡPḡPePsCfC,C- C†PēC... PīPsP±C-C±PSPēC...
PμC,,PμPeC,C-PI PīP°C†C-C”PSC, PjPsPḡPμ P·P°CfC,PsCfCfPIP°C,Pē P·PIPsP»PsPḡCfCḡC±PēPNē
P·P°CfC-P±, C,PēPjC±P°CfPspIPs P·PjPμPSCēPēC,Pē C±P°CfC,PsC,Cf PSP°PSPμCfPμPSPSCḡ
PeP»C-PSPrP°PjC-C†PēPSCf/P±PμPSP·PsC—P»Cf PīPμCḡPsPeCfPēPrCf P°P±Ps
C,PēPjC±P°CfPspIPs PīCḡPēPīPēPSPēC,Pē PNēPspIPs P·P°CfC,PsCfCfPIP°PSPSCḡ, PsPrPSP°Pe
PμC,,PμPeC,PēPIPSC-CfC,CH P·P°CfC,PsCfCfPIP°PSPSCḡ P· C±P°CfC,PsC,PsCḡ PjPμPSCēPμ
PSC-Pḡ 1 CḡP°P· PSP° PrPsP±Cf PSPμ PrPsPIPμPrPμPSP°.

PŸCfPjC-CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSCēPēC... C,PsPīC-C±PSPēC...
PīCḡPμPīP°CḡP°C,C-PI PrP»Cḡ P»C-PeCfPIP°PSPSCḡ P°PePSPμ CfP»C-Pr PīCḡPsPIPsPrPēC,Pē
P· PsP±PμCḡPμPḡPSC-CfC,Cḡ C±PμCḡPμP· PjPsPḡP»PēPIPēPNē PeCfPjCfP»CḡC,PēPIPSpēPNē
PīPsPrCḡP°P·PSCḡPIP°P»CHPSPēPNē PμC,,PμPeC,, C%oPs C-PSPePsP»Pē PjPsPḡPμ P±CfC,Pē
C,CḡPḡPePēPj, PsCfPsp±P»PēPIPs PīCḡPē P·P°CfC,PsCfCfPIP°PSPSC-
PrPμCfPeIP°PjP°C,PēPIPSpēC... P°P±Ps P°P±CḡP°P·PēPIPSpēC... C-PSPiCḡPμPrC-C”PSC,C-PI.

PīPeC%oPs PIPēPSPēPeP°C” C,CḡPḡPePμ PjC-CfC†PμPIPμ PīPsPrCḡP°P·PSPμPSPSCḡ
(PSP°PīCḡPēPeP»P°Pr, C,CḡPḡPeP° PμCḡPēC,PμPjP°, CfCfC...C-CfC,CH P°P±Ps
CḡPIPμCḡP±C-Pḡ, CḡPēP»CHPSPμ PḡP°P»C-PSPSCḡ/PiPμC±C-PSPSCḡ)
P·P°CfC,PsCfCfPIP°PSPSCḡ PeP»C-PSPrP°PjC-C†PēPSCf/P±PμPSP·PsC—P»Cf
PīPμCḡPsPeCfPēPrCf CfP»C-Pr PīCḡPēPīPēPSPēC,Pē.

P’PμPSP·PsC—P»Cf PīPμCḡPsPeCfPēPr PjPsPḡPμ CḡPīCḡPēC±PēPSCḡC,Pē PīC-PrPIPēC%oPμPSCf
C±CfC,P»PēPIC-CfC,CH PrPs CfPsPSCḡC±PSPēC... PīCḡPsPjPμPSC-PI, C,PsPjCf CfP»C-Pr
CfPSPēPeP°C,Pē P·P°CfC,PsCfPspICfPIP°PSPSCḡ CfP»CHC,CḡP°C,,C-PsP»PμC,PsPIPēC...
CḡPIC-C,PēP»CHPSPēPeC-PI C,P° CfPSPēPeP°C,Pē P°P±Ps PjC-PSC-PjC-P·CfPIP°C,Pē PIPīP»PēPI
CḡPsPSCḡC±PSPsPiPs CḡPIC-C,P»P°. PīPeC%oPs PSPμ PjPsPḡPSP° CfPSPēPePSCfC,Pē
CḡPēP»CHPSPsPiPs PIPīP»PēPICf CfPsPSCḡC±PSPsPiPs CḡPIC-C,P»P°, PīP°C†C-C”PSC,Cf
CḡP»C-Pr PīPsCḡP°PrPēC,Pē PIPēPePsCḡPēCfC,P°PSPSCḡ CfPsPSC†PμP·P°C...PēCfPSPēC...
P·P°CfPsp±C-PI C,P° P·P°C...PēCfPSPsPiPs PsPrCḡPiCf.

PīPeC%oPs PīP°C†C-C”PSC, PjP°C” CfPsPSCḡC±PSC- PsPīC-PePē, C—C... PSPμPsP±C...C-PrPSPs
PIPēP»C-PeCfPIP°C,Pē PrPs PīCḡPēP·PSP°C±PμPSPSCḡ
PeP»C-PSPrP°PjC-C†PēPSCf/P±PμPSP·PsC—P»Cf PīPμCḡPsPeCfPēPrCf.

P'P°PiC-C,PSC-CÍC,CH

P"PsCÍC,P°C,PSC-C... PrP°PSPëC... C%PsPrPs P·P°CÍC,PsCÍCrPIP°PSPSCÍ PiPµP»Cñ
PIP°PiC-C,PSPëPj PSPµPjP°C". P"PsCÍP»C-PrP¶PµPSPSCÍ PSP° C,PIP°CñPëPSP°C... C%PsPrPs
CñPµPíCñPsPrCrPeC,PëPIPSpC— C,PsPeCÍPëC±PSPsCÍC,C- C,P° PIPiP»PëPICr PSP°
CñPsP·PIPëC,PsPe PµPjP±CñC-PsPSP°/PíP»PsPrP° PiPµP»Cñ P°P±Ps P±PµPSP·PsC—P»Cí
PíPµCñPsPeCÍPëPrCr PsPeCñPµPjPs PSPµ PíCñPsPIPsPrPëP»Pë. P†CÍPSCrCñC,CH
PsP±PjPµP¶PµPSC- PrP°PSC- P·P°CÍC,PsCÍCrPIP°PSPSCÍ PsPeCñPµPjPs
PeP»C-PSPPrP°PjC-C†PëPSCr P°P±Ps P±PµPSP·PsC—P»Cí PíPµCñPsPeCÍPëPrCr
PIP°PiC-C,PSPëPj. P"°PSC- CÍPíPsCÍC,PµCñPµP¶PµPSPSCÍ PíCñPsC,CIPIPsPj
PsP±PjPµP¶PµPSPsC— PeC-P»CHPePsCÍC,C- PIP°PiC-C,PSPsCÍC,PµPNë PíCñPë
P·P°CÍC,PsCÍCrPIP°PSPSC- PíCñPµPíP°CñP°C,Cr Cr P† C,CñPëPjPµCÍC,CñC-
PIPeP°P·CrCñC,CH PSP° PIC-PrCÍCrC,PSC-CÍC,CH PSPµPiP°C,PëPIPSpëC... PµC,,PµPeC,C-PI
PeP»C-PSPPrP°PjC-C†PëPSCr PSP° PIP°PiC-C,PSC-CÍC,CH P°P±Ps PSP° CÍC,P°PS
P·PrPsCñPsPIBñ™ CI PiP»PsPrP°/PSPsPIPsPSP°CñPsPrP¶PµPSPsPiPs.

P"PsCÍP»C-PrP¶PµPSPSCÍ CñPµPíCñPsPrCrPeC,PëPIPSpC— C,PsPeCÍPëC±PSPsCÍC,C- PSP°
C,PIP°CñPëPSP°C... PíCñPë PíPµCñPsCñP°P»CHPSPsPjCr C,P° PíC-PrCëPeC-CñPSPsPjCr
P·P°CÍC,PsCÍCrPIP°PSPSC- PeP»C-PSPPrP°PjC-C†PëPSCr PSPµ PIPëCIPIPëP»Pë PsP·PSP°Pe
PíPsCñCrCëPµPSPSCÍ C,,PµCñC,PëP»CHPSPsCÍC,C- P°P±Ps CëPeC-PrP»PëPIPsPiPs
PIPiP»PëPICr PSP° PíP»C-Pr.

P'PµP·PíPµPeP° P·P°CÍC,PsCÍCrPIP°PSPSCÍ PiPµP»Cñ P¶C-PSPeP°Pj PíCñPsC,CIPIPsPj
PIP°PiC-C,PSPsCÍC,C- PSPµ PICÍC,P°PSPsPIP»PµPSP°.

PýPsPjCr Cr PíPµCñC-PsPr PIP°PiC-C,PSPsCÍC,C- P»C-PeP°Cñ PjPsP¶Pµ PíCñPëP·PSP°C±PëC,Pë
PíCñPµPíP°CñP°C, P»PëCëPµ C,PsPrC-, PePsP»Pë PíPµCñPµPrP±P°C±CrPIP°PSP°
PePsCñPëCÍC,CH PrP»CI P¶C-PSPePë PíPµCñPµPIPëC%CrC" PíPsC,PµPSC†C-PNëPSPëPNë
CñPëP·PëPe PrP»CI PrPëC,PëPSPë.

P"PsPrC¿PIP°PSPSCÍ PíCñC¿PrPrCñ

PñP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCñ P· PIPëPIC±PµPSPSCÍ PjC-CÍC†PµPIPsPiPs
P·P°CÍC,PsCÍCrPIP°PSPSCÍ PeP»C-PSPPrP°PjC-C†PëPSCr/P±PµPSP·PsC—P»Cí
PíPµCñPsPeCÍPëPrCr Cr PíPµCñC-PsPr PíPsPrCrPIP°PSPSCÍ PíCñCrPrPrCñ PSPµ
PíCñPsPIPsPrPëP»PsCÍCñ. PµCñPë C†CHPsPjCr PIC-PrPsPjPs, C%Ps
C±PµCñPµP·CëPeC-CñPSP° P°PrCÍPsCñP±C†C-CI
PeP»C-PSPPrP°PjC-C†PëPSCr/P±PµPSP·PsC—P»Cí PíPµCñPsPeCÍPëPrCr C" PSPëP·CHPePsCñ;
PSPµPIC-PrPsPjPs, C±Pë PµPeCÍPeCñPµC,CrC"C,CHCÍCI PeP»C-PSPPrP°PjC-C†PëPS P°P±Ps
P±PµPSP·PsC—P»Cí PíPµCñPsPeCÍPëPr P· PíCñCrPrPSPëPj PjPsP»PsPePsPj PíCñPë
PjC-CÍC†PµPIPsPjCr P·P°CÍC,PsCÍCrPIP°PSPSC-.B PµCñPsC,Pµ PíPsPIC-PrPsPjP»CIIP»PsCÍCI
PíCñPs PSP°CIPIPSC-CÍC,CH PeP»C-PSPPrP°PjC-C†PëPSCr Cr PíCñCrPrPSPsPjCr PjPsP»PsC†C-
PíC-CÍP»CI PíPµCñPsCñP°P»CHPSPsPiPs C- PíP°CñPµPSC,PµCñP°P»CHPSPsPiPs
P·P°CÍC,PsCÍCrPIP°PSPSCÍ PíCñPµPíP°CñP°C,Cr.

PýPsPjCr Cr PíPµCñC-PsPr PíPsPrCrPIP°PSPSCÍ PíCñCrPrPrCñ P»C-PeP°Cñ PjPsP¶Pµ
PíCñPëP·PSP°C±PëC,Pë PíCñPµPíP°CñP°C, P»PëCëPµ C,PsPrC-, PePsP»Pë
PíPµCñPµPrP±P°C±CrPIP°PSP° PePsCñPëCÍC,CH PrP»CI PjP°C,PµCñC- PíPµCñPµPIPëC%CrC"
PíPsC,PµPSC†C-PNëPSPëPNë CñPëP·PëPe PrP»CI PrPëC,PëPSPë.

P©PsP± CrPSPëPePSCrC,Pë PIPëPíP°PrPePsPIPsPiPs PíCñPsPePsPIC,CrPIP°PSPSCÍ PiPµP»Cñ
P"CrP°Pe PSPµPjPsPIP»CIIPj PíCñPë PIPëPePsCñPëCÍC,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»CİPSPeCí 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†PµPSPSCİ C,P°PePsPiPs PIPiP»PëPICí PSPµ PiCḡPsPiPsPrPëP»PsCÍCH. P— PsPiP»CİPrCí 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,CHCÍCİ.

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

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

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

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

PµC-CÍP»Cİ PSP°PSPµCÍPµPSPSCİ PiPµP»CH 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- PiPsCİPIPë PSP°PrPjC-CḡPSPsC— CÍCíC...PsCÍC,C- P°P±Ps P·P»CíC%CíPIP°PSPSCİ C€PeC-CḡPë CÍP»C-Pr P·PjPµPSC€PëC,Pë C†P°CÍC,PsC,Cí P·P°CÍC,PsCÍCíPIP°PSPSCİ P°P±Ps C,PëPjC†P°CíPsPIPs PiCḡPëPiPëPSPëC,Pë P»C-PeCíPIP°PSPSCİ. 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°PSPSCİ 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€PµPSPSCİ PeC-P»CHPePsCÍC,C- PSP°PSPµCÍPµPSPsPiPs PiPµP»CH PSPµ P·P±C-P»CHC€CíC” PµC,,PµPeC,PëPIPS-CÍC,CHB P·P°CÍC,PsCÍCíPIP°PSPSCİ PiCḡPµPiP°CḡP°C,Cí, P° P·P±C-P»CHC€CíC” CḡPëP·PëPe PiPsPrCḡP°P·PSPµPSPSCİ C€PeC-CḡPë.

P°P»Cİ PiPsCİPIPë 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°PSPSCİ. PḡP°PeCíPëPjP°P»CHPSPëPN PeCíCḡCí P»C-PeCíPIP°PSPSCİ CÍPeP»P°PrP°C” 12 C,PëP¶PSC-PI.

P°C-C,Pë.

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°Р°СГГ СГРëСГС,РμРјРë РsСĤРІР°РSC-PI Р·Р° MedDRA	Р”СГР¶Р¶Рμ С±Р°СГС,Рs	Р§Р°СГС,Рs	РќРμC±Р°СГС,Рs	РќРμPIC-PrPsPjPs™
РμРsСĤСГСГCëРμPSPSCĬ Р· Р±РsРeСГ С-РјСГРPSPSPsC— СГРëСГС,РμРјРë				РђР»Р»РμСĤРІC-С±PSC- СĤРμР°РeСГС-С—, РІРeР»СĤС±Р°СĤС±Рë РІC-РІРμСĤСГCГC,Р»РëРІC-СГС,СĤ С,Р° Р°PSP°C,С-Р»Р°РeСГС-СĤ
РμРsСĤСГСГCëРμPSPSCĬ Р· Р±РsРeСГ PSPμСĤРІРsРІРsC— СГРëСГС,РμРјРë*			РμР°СĤРμСГС,РμР·C-СĬ	
Р”Р°СГС,СĤРsC-РSC,РμСГС,РëPSP°Р»СĤРSC-РІРsСĤСГCëРμPSPSCĬ				РлРsР»C-С, (РІРeР»СĤС±Р°СĤС±Рë РІСГРμРІРРsРјРјР±СĤР°PSPsР·PSPëРлРeРsР»C-С,), РІРμРјРјРsСĤР°РІC-С±PSP° РrC-Р°СĤРμСĬ, РrC-Р°СĤРμСĬ, Р±C-Р»СĤ СГ Р¶РëРІРsC,С-
РμРsСĤСГСГCëРμPSPSCĬ Р· Р±РsРeСГ CëРeC-СĤРë С,Р° РІC-РrCëРeC-СĤPSPsC— РeР»C-С,РeРsРІРëPSPë*	Р·СĤРëC,РμРјР°, Р·Р»СГC%СГРІР°PSPSCĬ, СГСГC...C-СГС,СĤ (РІРsР»РsРІРSPëРј С±РëPSPsРј РІРsРІC-РrРsРјР»СĬР»РsСГСĤ СĬРeБ РІСĤРs СĬРІРëC%Р° РІРsРјC-СĤPSPsC— C-PSC,РμPSCГРëРІPSPsСГС,С-)	Р’C-РrCГC,С,СĬ РІРμCГC-PSPSCĬ	РлРsРSC,Р°РeC,PSPëРлРРμСĤРјР°C,РëC,, СГРІРμСĤР±C-Р¶, РμСĤРëC,РμРјР°C,РsР·-PSPëРлРІРëСГРëРІ, Р·Р°РІРsСГС,СĤРμPSPSCĬ Р°РePSPμ	РлСĤРsРІРëРІBĤ™ СĬPSPëР°
Р—Р°РІР°Р»СĤРSC- РІРsСĤСГCëРμPSPSCĬ С,Р° РІРsСĤСГCëРμPSPSCĬ РІ РјC-СГСГC-РSP°PSPμСГРμPSPSCĬ				Р РμР°РeСГС-С— РІ РјC-СГСГC-РSP°PSPμСГРμPSPSCĬ, РІРeР»СĤС±Р°СĤС±Рë Р·PSPμ±Р°СĤРІР»РμPSPSCĬ

*Р’ РјC-СГСГC- PSP°PSPμСГРμPSPSCĬ.

**РќР° РsСГРPSPsPIC- РrР°PSPëC... РІРsСГС,РјР°СĤРeРμC,РëPSPiPsРІРëC...
СГРРІРsСГС,РμСĤРμР¶РμPSCĤ. РђСГРeC-Р»СĤРeРë СГC- СГРРІРsСГС,РμСĤРμР¶РμPSPSCĬ
PsC...PsРІР»СĤСĤC,СĤ РІСĤСГРРІРë PSP°СГРμР»РμPSPSCĬ PSPμPIC-PrPsPjPsC—
С±РëСГРμР»СĤPSPsСГС,С- С,Р° РІРeР»СĤС±Р°СĤC,СĤ Р·РјC-СëР°PSC- С,,Р°РeC,PsСĤРë,
PSPμРјРsР¶Р»РëРІРs РrPsСГС,PsPIC-СĤPSPs PsCГC-PSPëC,Рë C—C... С±Р°СГС,PsC,Cr, РІСĤРë
СГСĤРsРјСГР СГРëСГС,РμРјРSC- СĤРμР°РeСГС-С— Р·СГСГС,СĤC-С±Р°Р»РëСГСĤ СĤC-РrРePs.

РќР° РrPsРrР°C,РsРe РrPs РІРsР±C-С±PSPëC... СĤРμР°РeСГC-Рл, СĬРeC- PSP°РІРμРrРμPSPs СГ
С,Р°Р±Р»РëСГC- РІРëC%Рμ, СГ РІРsР»РsРІРSPsРјСГ РeР»C-PSC-С±PSPsРјСГ
РrPsСГР»C-РrР¶РμPSPSC- С-Р· Р·Р°СГС,РsСГСГРІР°PSPSCĬРј РјC-СГСГC†РμРІРs
РeР»C-PSPrP°PjC-C†PëPSCr 1%/Р±РμPSP·PsC—Р»Cr РІРμСĤPsPeCĤPëPrCr 3 %, РІРμР»СĤ,
С±Р°СГС,Рs СГРРІРsСГС,РμСĤC-РІР°Р»РëСГСĤ СĤРμР°РeСГC-С—
С,,РsC,РsСГРμPSCГРëР±C-Р»C-Р·Р°СГC-С— РІ РјC-СГСГC- PSP°PSPμСГРμPSPSCĬ.

РђC-СГСГC†РμРІР° РІРμСĤРμPSPsСГРëРјC-СГС,СĤ

Р—Р° РrР°PSPëРјРë 5 РeР»C-PSC-С±PSPëC... РrPsСГР»C-РrР¶РμPSCĤ C-Р·
Р·Р°СГС,РsСГСГРІР°PSPSCĬРј РІРμР»СĤ Р”СГР°Рe РІСГС-С... РІР°СГC-С”PSC,С-РІ Р±СГР»Ps
РeР»Р°СГРëC,,C-РeРsРІР°PSPs Р·Р° СГС,СГРІРμPSPμРј РμСĤРëC,РμРјРë,
Р·Р»СГC%СГРІР°PSPSCĬ, РІC-РrCГC,С,СĬ РІРμCГC-PSPSCĬ С,Р° СГСГC...PsСГС,С-
Р·РІC-РrPSPs Р· С,Р°РeРsСĤ CëРeР°Р»PsСĤ: 0 BĤ“ РІC-РrСГСГC,РSC- РІСĤРsСĬРІРë, 1 BĤ“
СГРР°Р±РeРëРл, 2 BĤ“ РІРsРјC-СĤPSPëРл, 3 BĤ“ С,СĬР¶РeРëРл СГС,СГРІC-РSCĤ.
Р’C-РrСГРsC,РsРe РІР°СГC-С”PSC,С-РІ, СĬРeC- РјР»Р»Рë СГРëРјРІC,РsРјРë РrPs С,Р°
РІСĤРsC,СĬРІРsРј Р»C-РeСГРІР°PSPSCĬ, РІСĤРμРrСГС,Р°РІР»РμPSPs СГ С,Р°Р±Р»РëСГC- 2.

РŸР°Р±Р»РëСГCĬ 2. РђC-СГСГC†РμРІР° РІРμСĤРμPSPsСГРëРјC-СГС,СĤ РІРμР»СĤ Р”СГР°Рe
РІСĤРë Р·Р°СГС,РsСГСГРІР°PSPSC- РлРsРІРs РsРrРëPS СĤР°Р· PSP° РrPsР±СГ СГ

PĪP°C†C-C”PSC,C-PI (n=397), CĪPeC- P±CĤP°P»Pë CŕC‡P°CĴC,CH Cŕ 3 C,,P°P·C-
PeP»C-PSC-C‡PSPsPiPs PrPsCĴP»C-PrP¶PµPSPSCĪ.

PµPsP±C-C‡PSC- CĤPµP°PeC†C-C—	P”Ps P»C-PeCŕPIP°PSPSCĪ			PµCĤPsC,CĪPiPsPj P»C-PeCŕPIP°PSPSCĪ		
	PŸP»P°P±PePëPNë CĴC,CŕPiC-PSCH	PµPsPjC-CĤPSPëPNë CĴC,CŕPiC-PSCH	PŸCĪP¶PePëPNë CĴC,CŕPiC-PSCH	PŸP»P°P±PePëPNë CĴC,CŕPiC-PSCH	PµPsPjC-CĤPSPëPNë CĴC,CŕPiC-PSCH	PŸCĪP¶PePëPNë CĴC,CŕPiC-PSCH
P·CĤPëC,PµPjP°	28%	3%	0	26%	5%	0
P—P»CŕC%oCŕPIP°PSPSCĪ	6%	<1%	0	17%	2%	0
P’C-PrC‡CŕC,C,CĪ PĪPµC‡C-PSPSCĪ	3%	<1%	0	5%	<1%	0
PŸCŕC...C-CĴC,CH	6%	<1%	0	15%	1%	0

PŸPµCĤPjC-PS PĴCĤPëPrP°C,PSPsCĴC,C-.

1,5 CĤPsPePë.

PŸPµCĤPjC-PS PĴCĤPëPrP°C,PSPsCĴC,C- PĴC-CĴP»CĪ PĪPµCĤC€PsPiPs PIC-PrPeCĤPëC,C,CĪ
C,CŕP±Pë BĤ“ 2 PjC-CĴCĪC†C-.

PjPjPsPIPë P·P±PµCĤC-PiP°PSPSCĪ.

P—P±PµCĤC-PiP°C,Pë PI PSPµPrPsCĴC,CŕPiPSPsPjCŕ PrP»CĪ PrC-C,PµPNë PjC-CĴC†C-.
P—P±PµCĤC-PiP°C,Pë PI C...PsP»PsPrPëP»CHPSPëPeCŕ (2BĤ“8 °PŸ). PkPµ
P·P°PjPsCĤPsP¶CŕPIP°C,Pë.

PjPjPsPIPë P·P±PµCĤC-PiP°PSPSCĪ PĴC-CĴP»CĪ PĪPµCĤC€PsPiPs PIC-PrPeCĤPëC,C,CĪ
C,CŕP±Pë.

P—P±PµCĤC-PiP°C,Pë PI PSPµPrPsCĴC,CŕPiPSPsPjCŕ PrP»CĪ PrC-C,PµPNë PjC-CĴC†C- PĴCĤPë
C,PµPjPĪPµCĤP°C,CŕCĤC- PSPµ PIPëC%oPµ 25 B°PŸ.

PjPĪP°PePsPIPëP°.

PµPs 15 Pi P°P±Ps PĪPs 25 Pi, P°P±Ps PĪPs 30 Pi PI C,CŕP±C-, PĪPs 1 C,CŕP±C- PI
PeP°CĤC,PsPSPSC-PNë PePsCĤPsP±C†C-.

PĽP°C,PµPiPsCĤC-CĪ PIC-PrPĴCŕCĴPeCŕ. P’PµP·B CĤPµC†PµPĴC,P°.

P’PëCĤPsP±PSPëPe.

P“P»P°PeCĴPs PĥPĪPµCĤPµPNëC€PSCĴ P®PĽ P>C-PjC-C,PµPr, P’PµP»PëPeP° P’CĤPëC,P°PSC-CĪ.

Glaxo Operations UK Limited, United Kingdom.

PĥC-CĴC†PµP·PSP°C...PsPrP¶PµPSPSCĪ PIPëCĤPsP±PSPëPeP° C,P° P°PrCĤPµCĴP°

PjC-CfC†Cf PïCfPsPIP°PrP¶PµPSPSCf PNºPsPiPs PrC-CfP»CHbPSPsCfC,C-.

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

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