

PkPμPs-P°PSPiC-PS^{B®} P±PμP· C†CrPeCTjCr P°PeC,PëPIPSPëPNē C%oPsPrPs C€PëCtjPsPePsPiPs
C†PīPμPeC,CtjP° PiCtjP°PjPīPsP·PëC,PëPIPSPëC... C- PiCtjP°PjPSPμPiP°C,PëPIPSPëC...
PjC-PeCtjPsPsCtjPiP°PSC-P·PjC-PI *in vitro*; PIPëCtjPIP»CtjC” PīCtjPsC,PëPiCtjPëP±PePsPICr
P°PeC,PëPIPSC-C†C,CḦ. P•C,,PμPeC,PëPIPSC-C†C,CḦ PīCtjPμPīP°CtjP°C,Cr P·CrPjPsPIP»PμPSP°
PSP°CtjPIPSC-C†C,CḦ PrPIPsC... P°PSC,PëP±P°PeC,PμCtjC-P°P»CḦPSPëC...
PePsPjPīPsPSPμPSC,C-PI C€PëCtjPsPePsPiPs C†PīPμPeC,CtjP° PrC-C—, CtjPeC-
PīPsP»PμPiC€CrCḦC,CḦ P±C-P»CḦ Cr PiPsCtjP»C- C,P° P·PjPμPSC€CrCḦC,CḦ PrC-CḦ
P±P°PeC,PμCtjC-PNē, PIPSP°C†P»C-PrPsPe P±P°PeC,PμCtjPëC†PëPrPSPsPiPs PuC,,PuPeC,Cr. 2,4-

PrPëC...P»PsCḡP±PμPSP·PëP»PsPIPëPNē CÍPïPëCḡC, C±PëPSPëC,CH
P±P°PeC,PμCḡC-PsCÍC,P°C,PëC±PSCÍ PrC-Cḡ P·P° CḡP°C...CÍPSPsPe P·PSPμPIPsPrPSPμPSPSCÍ
P±P°PeC,PμCḡC-P°P»CHbPSPsC— PeP»C-C,PëPSPë.B

P>PμPIPsPjPμPSC,PsP» PrPsPïPsPIPSCḡC” PrC-Cḡ PrPIPsC... C-PSCëPëC... CÍPeP»P°PrPsPIPëC...
PïCḡPμPïP°CḡP°C,CÍ P°PSP°P»PiPμP·CÍCḡC±PëPj PμC,,PμPeC,PsPj, P·CÍPjPsPIP»PμPSPëPj
CÍC,PëPjCÍP»CÍC†C-C”Cḡ C...PsP»PsPrPsPIPëC... CḡPμC†PμPïC,PsCḡC-PI CÍP»PëP·PsPIPsC—
PsP±PsP»PsPSPëPë.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PαP°CḡPjP°PePsPeC-PSPμC,PëC±PSC- PïPsPeP°P·PSPëPePë PSPμ PIPëP·PSP°C±P°P»PëCÍCḡ.

РљР»С-РSC-С±РSC- С...Р°СḡР°РeC,РμCḡPëCÍC,PëPePë.

PμPsPeP°P·P°PSPSCÍ. PḡC-CÍC†PμPIPμ P»C-PeCÍPIP°PSPSCÍ (CÍ CÍPeP»P°PrC-
PePsPjPïP»PμPeCÍPSPsC— C,PμCḡP°PïC-C—) C-PSC,,PμPeC†C-PNēPSPs-P·P°PïP°P»CHbPSPëC...
P·P°C...PIPsCḡCḡPIP°PSCḡ PïPsCḡPsP¶PSPëPSPë CḡPsC,P°, PiPsCḡP»P° C,P° PiPsCḡC,P°PSC-:
CÍC,PsPjP°C,PëC,, PiC-PSPiC-PIC-C,, C,PsPSP·PëP»C-C,, PïPsC±P°C,PePsPIP° CÍC,P°PrC-CÍ
P°PSPiC-PSPë, C,,P°CḡPëPSPiC-C,, P»P°CḡPëPSPiC-C,,.

PμCḡPsC,PëPïPsPeP°P·P°PSPSCÍ.

- PḡC-PrPIPëC%PμPSP° C±CÍC,P»PëPIC-CÍC,CH PrPs 2,4-
PrPëC...P»PsCḡP±PμPSP·PëP»PsPIPsPiPs CÍPïPëCḡC,CÍ, P°PjC-P»PjPμC,P°PeCḡPμP·PsP»CÍ,
P»PμPIPsPjPμPSC,PsP»CÍ, P±P°CḡPIPSPëPeP° PḡPsPSCÍPs 4 R P°P±Ps P±CÍPrCḡ-CÍPePsC—B
C-PSCëPsC— PrPsPïPsPjC-P¶PSPsC— CḡPμC±PsPIPëPSPë P»C-PeP°CḡCÍCḡPePsPiPs
P·P°CÍPsP±CÍ;

- PrPëC,CÍC±PëPNē PIC-Pe PrPs 6 CḡPsPeC-PI.

***P’P·P°C”PjPsPrC-CÍ P· C-PSCëPëPjPë P»C-PeP°CḡCÍCḡPePëPjPë P·P°CÍPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNē.***

PќPμPIC-PrPsPjP°.

PḡCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC¿PIP°PSPSCÍ.

PïPeC%Ps CÍPëPjPïC,PsPjPë P·P°C...PIPsCḡCḡPIP°PSPSCÍ P·P±PμCḡC-PiP°CḡC,CHCÍCÍ
P±C-P»CHbCëPμ 3 PrPSC-PI, CÍCÍPïCḡPsPIPsPrP¶CÍCḡC,CHCÍCÍ PIPëCÍPsPePsCḡ
C,PμPjPïPμCḡP°C,CÍCḡPsCḡ, PiPsP»PsPIPSPëPj P±PsP»PμPj P°P±Ps C-PSCëPëPjPë
CÍPIPëC%P°PjPë, PSPμPsP±C...C-PrPSPs P·PIPμCḡPSCÍC,PëCÍCÍ PrPs P»C-PeP°CḡCÍ PrP»CÍ
PePsCḡPëPiCÍPIP°PSPSCÍ CÍC...PμPjPë P»C-PeCÍPIP°PSPSCÍ.

PḡCḡPμPïP°CḡP°C,B PSPμB CÍP»C-PrB P·P°CÍC,PsCÍPsPICÍPIP°C,PëB PïP°C†C-C”PSC,P°PjB
P·B PSPμPïPμCḡPμPSPsCÍPëPjC-CÍC,CḡB C,,CḡCÍPeC,PsP·Pë,B
PjP°P»CHbP°P±CÍPsCḡP±C†C-C”Cḡ PiP»CḡPePsP·Pë-PiP°P»P°PeC,PsP·Pë, CÍP°C...P°CḡPsP·Ps-

C-P·PsPjP°P»CHC,PsP·PSPsCñ PSPµPrPsCíC,P°C,PSC-CíC,Cñ.

*P—P°CíC,PsCíC¿PIP°PSPSCıı C¿ PıPµCñC-PsPr PIP°PiC-C,PSPsCíC,C- P°P±Ps
PiPsPrC¿PIP°PSPSCıı PiCñC¿PrPrCñ.*

P°P°PSC- PıCñPs PıPµCñPµPSPsCíPëPjC-CíC,Cñ PkPµPs-P°PSPiC-PSCr^{B®} P±PµP· C†CıPeCñCı
PiC-Pr C‡P°Cí PIP°PiC-C,PSPsCíC,C- C,P° PiPsPrCıPIP°PSPSCıı PiCñCıPrPrCñ
PIC-PrCíCıC,PSC-. P•PeCıPıPµCñPëPjPµPSC,Pë PSP° C,PIP°CñPëPSP°C... C%PsPrPs
CñPµPıCñPsPrCıPeC,PëPIPSsC— C,PsPeCıPëC‡PSPsCíC,C- C†CHPsPiPs
P»C-PeP°CñCíCHPePsPiPs P·P°CíPsP±Cı PSPµ PıCñPsPIPsPrPëP»PëCíCıı. PkPµPs-
P°PSPiC-PS^{B®} P±PµP· C†CıPeCñCı PSPµ CıP»C-Pr PıCñPëPNëPjP°C,Pë PiC-Pr C‡P°Cí
PIP°PiC-C,PSPsCíC,C- C,P° PiPsPrCıPIP°PSPSCıı PiCñCıPrPrCñ.

*P—PrP°C,PSC-CíC,Cñ PIPıP»PëPIP°C,Pë PSP° C¿PIPëPrPeC-CíC,Cñ CñPµP°PeC†C-C— PıCñPë
PePµCñC¿PIP°PSPSC- P°PIC,PsC,CñP°PSCııPıPsCñC,PsPj P°P±Ps C-PSC¿PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

PkPµ PIPıP»PëPIP°C”.

PŸPıPsCíC-P± P·P°CíC,PsCíC¿PIP°PSPSCıı C,P° PrPsP·Pë.

P°PSCñPsCıP»PëPj C- PrC-C,CıPj PIC-PePsPj PIC-Pr 6 CñPsPeC-PI PkPµPs-P°PSPiC-PSB®
P±PµP· C†CıPeCñCı CñPµPePsPjPµPSPıCıC,CñCıCı PıPsPIC-P»CHPSPs
CñPsP·CıPjPsPeC,CıPIP°C,Pë PıPs 1 P»CHPsPrCıPSPëPeCı PePsP¶PSC- 2- 3 PiPsPrPëPSPë,
P°P»Pµ PSPµ P±C-P»CHC¿Pµ 6 P»CHPsPrCıPSPëPeC-PI PSP° PrPsP±Cı.
PŸCñPëPIP°P»C-CíC,Cñ P»C-PeCıPIP°PSPSCıı CıC,P°PSPsPIPëC,Cñ

3-4 PrPSC-.

P°C-C,Pë.

PkPµPs-P°PSPiC-PS^{B®} P±PµP· C†CıPeCñCı PıCñPsC,PëPıPsPeP°P·P°PSPëPNë PrP»Cıı
P·P°CíC,PsCıCıPIP°PSPSCıı PrC-C,CıPj PIC-PePsPj PrPs 6 CñPsPeC-PI.

PµPµCñPµPrPsP·C¿PIP°PSPSCıı.

PıCñPs PIPëPıP°PrPePë PıPµCñPµPrPsP·CıPIP°PSPSCıı PSPµ
PıPsPIC-PrPsPjP»CıP»PsCıCıı.

PµPsP±C-C‡PSC- CñPµP°PeC†C-C—.

P°P»Cıı PsC†C-PSPePë C‡P°CíC,PsC,Pë PıPsP±C-C‡PSPëC... PµC„PµPeC,C-PI

PIPëPePsCĤPëCÍ'C,PsPICr'CHC,CH C,P°PeC- PeP°C,PμPiPsCĤC-C—:

PrCrP¶Pμ C‡P°CÍ'C,Ps (≥ 1/10)

C‡P°CÍ'C,Ps (≥ 1/100 - <1/10)

C-PSPsPrC- (≥ 1/1000 - <1/100)

CĤC-PrPePs (≥ 1/10000 - <1/1000)

PrCrP¶Pμ CĤC-PrPePs (<1/10000)

PkPμPIC-PrPsPjPs (PSPμ PjPsP¶Pμ P±CrC,Pë PsC†C-PSPμPSP° P·P° PSP°C¶IPSPëPjPë PrP°PSPëPjPë).

P— P±PsPeCž C-PjCžPSPSPsC— CÍ'PëCÍ'C,PμPjPë.

PkPμPIC-PrPsPjPs: CĤPμP°PeC†C-C— PiC-PiPμCĤC‡CrC,P»PëPIPsCÍ'C,C-, PIPeP»CHC‡P°CHC‡Pë PIPëCÍ'PëPi, PeCĤPsPiPëPIBĤ™ C¶PSPeCr, CÍ'PIPμCĤP±C-P¶, P°PSP°C„C-P»P°PeCÍ'C-CH, PμCĤPëC,PμPjCr.

P— P±PsPeCž PrPëC...P°P»CHBPSPëC... C€P»C¶C...C-PI C,P° PsCĤPiP°PSC-PI CÍ'PμCĤPμPrPsCÍ'C,C-PSPSC¶.

PkPμPIC-PrPsPjPs: C„P°CĤPëPSPiPμP°P»CHBPSPëPNë PSP°P±CĤC¶Pe (PSP°P±CĤC¶Pe PiPsCĤP»P°), P±CĤPsPSC...PsCÍ'PiP°P·Pj.

P— P±PsPeCž C,CĤP°PIPSsPiPs C,CĤP°PeC,Cž.

P"CrP¶Pμ CĤC-PrPePs: CĤPsP·PrCĤP°C,CrPIP°PSPSC¶ CÍ'P»PëP·PsPIPsC— PsP±PsP»PsPSPePë PiPsCĤPsP¶PSPëPSPë CĤPsC,P° C,P° C€P»CrPSPeP°, PIC-PrC‡CrC,C,C¶ PrPëCÍ'PePsPjC„PsCĤC,Cr Cr CĤPsC,PsPIC-PNë PiPsCĤPsP¶PSPëPSC- (PiPμC‡C-PSPSC¶ Cr CĤPsC,C-), PiPsPrCĤP°P·PSPμPSPSC¶ PiPsCĤP»P° (PiPμC‡C-PSPSC¶ Cr PiPsCĤP»C-), PiP°CĤPμCÍ'C,PμP·C-C¶ CĤPsC,PsPIPsC— PiPsCĤPsP¶PSPëPSPë (PiPsC‰PëPiCÍ'PIP°PSPSC¶ Cr CĤPsC,C-), PiP»PsCÍ'PsPrPëPSC-C¶ (P±PsP»C-CÍ'PSC-CÍ'C,CH C¶P·PëPeP°).

P"CrP¶Pμ CĤC-PrPePs: PrPëCÍ'PiPμPiCÍ'C-C¶, PSCrPrPsC,P°, CÍ'C,PsPjP°C,PëC,,.

PkPμPIC-PrPsPjPs: P±C-P»CH Cr P¶PëPIPsC,C-.

P†P·PsPjP°P»CHC, C,P° P±P°CĤPIPSPëPe PμPsPSCÍ'Ps 4 R (P• 124) PjPsP¶CrC,CH CÍ'PiCĤPëC‡PëPSPëC,Pë P°P»PμCĤPiC-C‡PSC- CĤPμP°PeC†C-C—.

PŷPμCĤPjC-PS PiCĤPëPrP°C,PSPsCÍ'C,C-. 5 CĤPsPeC-PI.

PjPjPsPIPë P·P±PμCĤC-PiP°PSPSC¶. P—P±PμCĤC-PiP°C,Pë Cr CÍ'CrC...PsPjCr PjC-CÍ'C†C-PiCĤPë C,PμPjPiPμCĤP°C,CrCĤC- PSPμ PIPëC‰Pμ 25 B°Pŷ. P—P±PμCĤC-PiP°C,Pë Cr PSPμPrPsCÍ'C,CrPiPSPsPjCr PrP»C¶ PrC-C,PμPNë PjC-CÍ'C†C-.

PJPI°PePsPIPe°. 2 P±P»C-ĆĆC,PµCĤPë PİPs 8 P»CHbPsPrCĬPSPëPeC-PI P°P±Ps 2
P±P»C-ĆĆC,PµCĤPë PİPs 12 P»CHbPsPrCĬPSPëPeC-PI, P°P±Ps 4 P±P»C-ĆĆC,PµCĤPë PİPs 12
P»CHbPsPrCĬPSPëPeC-PI ĆĆ PeP°CĤC,PsPSPSPëC... PePsCĤPsP±PeP°C....

PљP°C,PµPiPsCĤC-CĬ PIC-PrPİĆĆPëĆĆ. P’PµP· CĤPµC†PµPİC,P°.

P’PëCĤPsP±PSPëPePë.

P”PëPIP°C,,P°CĤPjP° P”PjP±PĬ/Divapharma GmbH.

PљP»PsĆĆC,PµCĤC,,CĤP°ĆĆ P’PµCĤP»C-PS P”PjP±PĬ/ Klosterfrau Berlin GmbH.

PњC-ĆĆC†PµP·PSP°C...PsPrP¶PµPSPSCĬ PIPëCĤPsP±PSPëPeC-PI C,P° P№PsPiPs P°PrCĤPµCĬP°
PjC-ĆĆC†CĬ PİCĤPsPIP°PrP¶PµPSPSCĬ PrC-CĬP»CHbPSPsĆĆC,C-.

P”PëPIP°C,,P°CĤPjP° P”PjP±PĬ/Divapharma GmbH:

PњPsC,C†PµPSPµCĤ PëC,CĤP°ĆĆĆPµ 41, 12277 P’PµCĤP»C-PS, PќC-PjPµC†C†PëPSP°/

Motzener Strasse 41, 12277 Berlin, Germany.

PљP»PsĆĆC,PµCĤC,,CĤP°ĆĆ P’PµCĤP»C-PS P”PjP±PĬ/ Klosterfrau Berlin GmbH:

PњPsC,C†PµPSPµCĤ PëC,CĤP°ĆĆĆPµ 41, 12277 P’PµCĤP»C-PS, PќC-PjPµC†C†PëPSP°/

Motzener Strasse 41, 12277 Berlin, Germany.

P—P°CĬPIPSPëPe.

P”PëPIP°C,,P°CĤPjP° P”PjP±PĬ/Divapharma GmbH.

PњC-ĆĆC†PµP·PSP°C...PsPrP¶PµPSPSCĬ P·P°CĬPIPSPëPeP°.

PњPsC,C†PµPSPµCĤ PëC,CĤP°ĆĆĆPµ 41, 12277 P’PµCĤP»C-PS, PќC-PjPµC†C†PëPSP°/

Motzener Strasse 41, 12277 Berlin, Germany.