



C€P»CfPSPePsPIPsPjCf CÍPsPeCf, P° C,P°PePsP¶ PíC-PrPIPëC%oCfC” CĤC-PIPµPSCĤ PíCĤPsCfC,P°PiP»P°PSPPrPëPSCf P•<sub>2</sub> (PGE<sub>2</sub>) CÍ CÍP»PëP·PsPIC-PNë PsP±PsP»PsPSC†C- C€P»CfPSPeP°, C%oPs CÍPíCĤPëCĬC” C—C— P·P°C...PëCfC,Cf PIC-Pr CÍC€PePsPrP¶CfCĤC†PëC... C,,P°PeC,PsCĤC-PI. P PµP±P°PjC-PíC-Pr C†PëPSPëC,ĤĤ C†PëC,PsPíCĤPsC,PµPeC,PsCĤPSPëPNë PµC,,PµPeC,, PrPsPIPµPrPµPSPëPNë CÍ PrPsCÍP»C-PrP¶PµPSPSCĬC... *in vitro*, PíPsPeCĤP°C%oCfC” PeCĤPsPIPsPsP±C-Pi CÍ CÍP»PëP·PsPIC-PNë PsP±PsP»PsPSC†C- C€P»CfPSPeP° C- CÍC,PëPjCfP»ĤĤC” PíCĤPsP»C-C,,PµCĤP°C†C-CĤ PeP»C-C,PëPS. P—P°PIPrCĬPePë PíCĤPëCÍPePsCĤPµPSPSCĤ P°PeC,PëPIPSPsCfC,C- C,,PµCĤPjPµPSC,C-PI, C%oPs CÍC,PëPjCfP»ĤĤCĤC,ĤĤ P±C-PsCÍPëPSC,PµP· PIPëCÍPsPePsPjPsP»PµPeCfP»CĬCĤPSPëC... PiP»C-PePsPíCĤPsC,PµC—PSC-PI, CĤPµP±P°PjC-PíC-Pr P·P±C-P»ĤĤC€CfC” PeC-P»ĤĤPeC-CÍC,ĤĤ PíPsPIPµCĤC...PSPµPIPsPiPs C€P»CfPSPePsPIPsPiPs CÍP»PëP·Cf. P PµP±P°PjC-PíC-Pr PSPµ PIPíP»PëPIP°C” PSP° P±P°P·P°P»ĤĤPSCf C- CÍC,PëPjCfP»ĤĤPsPIP°PSCf C€P»CfPSPePsPICf CÍPµPeCĤPµC†C-CĤ.

*PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°.*

PµC-CÍP»CĬ PsPrPSPsCĤP°P·PsPIPsPiPs PíPµCĤPsCĤP°P»ĤĤPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCĬ 100 PjPi CĤPµP±P°PjC-PíC-PrCf PjP°PeCÍPëPjP°P»ĤĤPSP° PePsPSC†PµPSC,CĤP°C†C-CĬ CÍ PiP»P°P·PjC- PeCĤPsPIC- (210 PSPi/PjP») CÍPíPsCfC,PµCĤC-PiP°P»P°CfCĬ C†PµCĤPµP· 2 PiPsPrPëPSPë. P’ PµPeCÍPíPµCĤPëPjPµPSC,P°C... *in vitro* P· P±C-P»PeP°PjPë PiP»P°P·PjPë P·PiBĤ™ CĬP·CfPIP°P»PsCfCĬ PíCĤPëP±P»PëP·PSPs 90 % PíCĤPµPiP°CĤP°C,Cf, PíCĤPsC,Pµ CÍ P±P°PiP°C,PsCĤP°P·PsPIPëC... PrPsCÍP»C-PrP¶PµPSPSCĬC... PrPsPIPµPrPµPSPs, C%oPs PíCĤPµPiP°CĤP°C, PSPµ PeCfPjCfP»ĤĤC”C,ĤĤCÍCĬ PI PsCĤPiP°PSC-P·PjC-. PµCĤPµPiP°CĤP°C, PíC-PrPrP°C”C,ĤĤCÍCĬ PSPµP·PSP°C†PSPsPjCf PjPµC,P°P±PsP»C-P·PjCf PI PsCĤPiP°PSC-P·PjC- P»ĤĤPrPëPSPë, PíCĤPsC,Pµ P·PrPµP±C-P»ĤĤC€PsPiPs PIPëPrC-P»CĬC”C,ĤĤCÍCĬ CÍ PSPµP·PjC-PSPµPSPsPjCf PIPëPiP»CĬPrC-. PµPµCĤC-PsPr PSP°PíC-PIPIPëPIPµPrPµPSPSCĬ P· PiP»P°P·PjPë PeCĤPsPIC- CÍC,P°PSPsPIPëC,ĤĤ PíCĤPëP±P»PëP·PSPs B B B B B B B B B B 1,5 PiPsPrPëPSPë.

PµCĤPë P·P°CfC,PsCfCfPIP°PSPSC- CĤPµP±P°PjC-PíC-PrCf CÍ PrPsP·C- 100 PjPi CÍ PiP°C†C-C”PSC,C-PI P· PSPëCĤPePsPIPsĤĤ PSPµPrPsCfC,P°C,PSC-CÍC,ĤĤ PSPµ P±CfP»Ps C-CÍC,PsC,PSPëC... CĤPsP·C...PsPrP¶PµPSCĤ CÍ PíPsPeP°P·PSPëPeP°C... PePsPSC†PµPSC,CĤP°C†C-C— PíCĤPµPiP°CĤP°C,Cf CÍ PiP»P°P·PjC- PeCĤPsPIC- C- PíPµCĤC-PsPrCf PSP°PíC-PIPIPëPIPµPrPµPSPSCĬ PjC-P¶ P·PrPsCĤPsPIPëPjPë C- C...PIPsCĤPëPjPë PiP°C†C-C”PSC,P°PjPë.

**PљP»C-PSC-C†PSC- C...P°CĤP°PeC,PµCĤPëCfC,PëPePë.**

***PµPsPeP°P·P°PSPSCĬ.***

PJ CÍPeP»P°PrC- PePsPjPiP»PµPeCÍPSPsPiPs P»C-PeCfPIP°PSPSCĬ C...CĤPsPSC-C†PSPsPiPs PiP°CfC,CĤPëC,Cf P· PíC-PrPIPëC%oPµPSPsĤĤ PePëCÍP»PsC,PsCfC,PIPsCĤĤPIP°P»ĤĤPSPsĤĤ C,,CfPSPeC†C-C”ĤĤ C€P»CfPSPeP° CÍ CÍC,P°PrC-C— P·P°PiPsCfC,CĤPµPSPSCĬ, PµCĤPsP·PëPIPSPsPiPs PiP°CfC,CĤPëC,Cf, C,,CfPSPeC†C-PsPSP°P»ĤĤPSPsC— PrPëCÍPiPµPíCfC-C—.

P—P°PīPsP±C—PiP°PSPSCЦ PIPëPSPëPePSPµPSPSCĤ CíC€PePsPrP¶PµPSCĤ CÍP»PëP·PsPIPSc—  
PsP±PsP»PsPSPePë PSP° C,P»C— PiCĤPëPNëPsPjCí PSPµCÍC,PµCĤPsC—PrPSPëC...  
PiCĤPsC,PëP·P°PīP°P»CĤPSPëC... P·P°CÍPsP±C—PI.

**B**

***PµCĤPsC,PëPiPsPeP°P·P°PSPSCЦ.***

PµC—PrPIPëC%µPµPSP° C‡CíC,P»PëPIC—CÍC,CĤ PrPs CĤPµP±P°PjC—PīC—PrCí P°P±Ps PrPs  
P±CíPrCĤ—CЦPePsPiPs C—PSC€PsPiPs PePsPjPiPsPSPµPSC,P° PiCĤPµPiP°CĤP°C,Cí.  
P—P»PsCЦPeC—CÍPSC— P·P°C...PIPScĤCĤPIP°PSPSCЦ C€P»CíPSPeP°.

***P°P·P°C°PjPsPrC—CЦ P· C—PSC€PëPjPë P»C—PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë C,P°  
C—PSC€C— PIPëPrPë PIP·P°C°PjPsPrC—PNë.***

PµCĤPë P·P°CÍC,PScÍCíPIP°PSPSC— CĤPµP±P°PjC—PīC—PrCí Cí CÍPeP»P°PrC—  
C,CĤP°PrPëC†C—PNëPSPëC... P°PSC,PëC...PµP»C—PePsP±P°PeC,PµCĤPSPëC... CÍC...PµPj  
PµC„PµPeC,PëPIPSC—CÍC,CĤ PµCĤP°PrPëPeP°C†C—PNëPSPSc— C,PµCĤP°PīC—C—,  
PIC—CĤPsPiC—PrPSPs, P·CĤPsCÍC,P°C”.

P°P·P°C°PjPsPrC—CЦ P· C—PSC€PëPjPë PiCĤPµPiP°CĤP°C,P°PjPë PSPµ PrPsCÍP»C—PrP¶PµPSP°.

***PĥCÍPsP±P»PëPIPsCÍC,C— P·P°CÍC,PScÍCáPIP°PSPSCЦ.***

PŸP»C—Pr P· PsP±PµCĤPµP¶PSC—CÍC,CĤ PiCĤPëP·PSP°C‡P°C,Pë PiCĤPµPiP°CĤP°C,  
PiP°C†C—C”PSC,P°Pj P»C—C,PSCĤPsPiPs PIC—PeCí PrP»CЦ P·PjPµPSC€PµPSPSCЦ CĤPëP·PëPeCí  
CĤPsP·PIPëC,PeCí PiPsCĤCíC€PµPSCĤ P· P±PsPeCí C,CĤP°PIPSPsPiPs C,CĤP°PeC,Cí,  
PsCÍPeC—P»CĤPePë PrP°PSP° PeP°C,PµPiPsCĤC—CЦ PiP°C†C—C”PSC,C—PI P±C—P»CĤC€  
C‡CíC,P»PëPIP° PrPs P»C—PeP°CĤCÍCĤPePëC... P·P°CÍPsP±C—PI, PSC—P¶ PjPsP»PsPrC€C—  
PiP°C†C—C”PSC,Pë.

P—P°CÍC,PScÍCáPIP°PSPSCЦ Cá PiPµCĤC—PsPr PIP°PiC—C,PSPScÍC,C— P°P±Ps  
PiPsPrCáPIP°PSPSCЦ PiCĤCáPrPrCĤ.

PµCĤPsC,PëPiPsPeP°P·P°PSPëPNë Cí PiPµCĤC—PsPr PIP°PiC—C,PSPScÍC,C— P°P±Ps  
PiPsPrCíPIP°PSPSCЦ PiCĤCíPrPrCĤ, PsCÍPeC—P»CĤPePë P±PµP·PiPµPeP°  
P·P°CÍC,PScÍCíPIP°PSPSCЦ CĤPµP±P°PjC—PīC—PrCí Cí PIP°PiC—C,PSPëC... P¶C—PSPsPe PSPµ  
PrPsPIPµPrPµPSP°.

PĥCÍPeC—P»CĤPePë CĤPµP±P°PjC—PīC—Pr PiCĤPsPSPëPeP°C” Cí PiCĤCíPrPSPµ PjPsP»PsPePs,  
PīC—Pr C‡P°CÍ P·P°CÍC,PScÍCíPIP°PSPSCЦ PiCĤPµPiP°CĤP°C,Cí CÍP»C—Pr PiCĤPëPiPëPSPëC,Pë  
PiPsPrCíPIP°PSPSCЦ PiCĤCíPrPrCĤ.

P—PrP°C,PSC—CÍC,CĤ PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC—CÍC,CĤ CĤPµP°PeC†C—C— PiCĤPë  
PePµCĤCáPIP°PSPSC— P°PIC,PSc,CĤP°PSCÍPiPsCĤC,PSPj P°P±Ps C—PSC€PëPjPë

*PjPμC...P°PSC-P·PjP°PjPë.*

PμP°C†C-C" PSC, C-PI, CΠPεC- PïCḡPëPNëPjP°CḡC, Cḡ PḡCfPePsPiPμPS, PSPμPsP±C...C-PrPSPs PïPsPïPμCḡPμPrPëC, Pë PïCḡPs C, Pμ, C%Ps Cr PSPëC... PjPsP¶CfC, Cḡ PIPëPSPëPeP°C, Pë P·P°PïP°PjPsCḡPsC†PμPSPSCΠ, CḡPsPSP»PëPIC-CḡC, Cḡ C- C%Ps Cr C, P°PePëC... PIPëPïP°PrPeP°C... C—Pj CḡP»C-Pr PIC-PrPjPsPIPëC, PëCḡCΠ PIC-Pr PePμCḡCfPIP°PSPSCΠ P°PIC, PsC, CḡP°PSCḡPïPsCḡC, PsPj, CḡPsP±PsC, Pë P· PjPμC...P°PSC-P·PjP°PjPë, P° C, P°PePsP¶ PIC-Pr P·P°PSCΠC, Cḡ C-PSCεPëPjPë PIPëPrP°PjPë PrC-CΠP»CḡPSPsCḡC, C-, C%Ps PïPsC, CḡPμP±CḡCḡC, Cḡ PïC-PrPIPëC%PμPSPsC— CḡPIP°PïPë C- CεPIPëPrPePsC— CḡPμP°PeC†C-C—.

***PÿPïPsCḡC-P± P·P°CḡC, PsCḡCzPIP°PSPSCΠ C, P° PrPsP·Pë.***

PÿP°P±P»PμC, PePë PïCḡPëPNëPjP°C, Pë PIPSCḡC, CḡC-CεPSCḡPs, P·P°PïPëPIP°CḡC†Pë PSPμPIPμP»PëPePsCḡ PeC-P»CḡPeC-CḡC, Cḡ CḡC-PrPëPSPë, PïPs 1 C, P°P±P»PμC, C†C- (100 PjPi) 3 CḡP°P·Pë PSP° PrPsP±Cḡ.

PḡCfCḡCḡ P»C-PeCḡPIP°PSPSCΠ CḡC, P°PSPsPIPëC, Cḡ 2-4 C, PëP¶PSC-, Cḡ CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC, C- PjPsP¶Pμ P±CḡC, Pë PïPsPrPsPIP¶PμPSPëPNë PrPs B B B B B B B B B 8 C, PëP¶PSC-PI.

*P" C-C, Pë.*

PμCḡPμPïP°CḡP°C, PSPμ PïCḡPëP·PSP°C†P°C, Pë PrC-C, CΠPj, PsCḡPeC-P»CḡPePë PrPsCḡP»C-PrP¶PμPSPSCΠ C%PsPrPs P·P°CḡC, PsCḡCḡPIP°PSPSCΠ PïCḡPμPïP°CḡP°C, Cḡ Cḡ C†C-PNë PIC-PePsPIC-PNë PïCḡCḡPïC- PSPμ PïCḡPsPIPPrPëP»PëCḡCΠ.

***PμPμCḡPμPrPsP·CzPIP°PSPSCΠ.***

P"PsC, PμPïPμCḡ PSPμ CḡPïPsCḡC, PμCḡC-PiP°P»PsCḡCΠ PIPëPïP°PrPeC-PI PïPμCḡPμPrPsP·CḡPIP°PSPSCΠ CḡPμP±P°PjC-PïC-PrCḡ.

PḡPsP¶P»PëPIC- PSCḡPrPsC, P°, P±P»CḡPIP°PSPSCΠ, P±C-P»Cḡ Cḡ P¶PëPïPsC, C-, PrC-P°CḡPμCΠ P°P±Ps P·P°PïPsCḡ, PïPsP»PsPIPSPëPNë P±C-P»Cḡ, PïPsCḡPëP»PμPSPSCΠ PïCḡPsCΠPIC-PI PïPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë.

Pj CḡP°P·C- PïPμCḡPμPrPsP·CḡPIP°PSPSCΠ CḡP»C-Pr PïCḡPsPjPëC, Pë CεP»CḡPSPsPe C- PïCḡPëP·PSP°C†PëC, Pë CḡPëPjPïC, PsPjP°C, PëC†PSCḡ C, PμCḡP°PïC-Cḡ. PÿPïPμC†PëC,, C-C†PSPsPiPs P°PSC, PëPrPsC, Cḡ PSPμ C-CḡPSCḡC".

***PμPsP±C-C†PSC- CḡPμP°PeC†C-C—.***

P—B P±PsPeCz PeCḡPsPIC- C, P° P»C-PjC,, P°C, PëC†PSPsC— CḡPëCḡC, PμPjPë: P»PμPNëPePsPïPμPSC-CΠ, C, CḡPsPjP±PsC†PëC, PsPïPμPSC-CΠ, PïCḡP°PSCḡP»PsC†PëC, PsPïPμPSC-CΠ.

P— P±PsPeCz PiPμPïP°C, PsP±C-P»C-P°CḡPSPsC— CḡPëCḡC, PμPjPë: PïPsCḡCḡCεPμPSPSCΠ

C,,CfPSPeC†C-C— PiPμC†C-PSPePë, P¶PsPIC,C¶PSPëC†C¶, PiC-PrPIPëC%oPμPSPSC¶  
C¶C-PIPSC¶ PiPμC†C-PSPePsPIPëC... C,,PμC¶PjPμPSC,C-PI (P¶P¶Pÿ, P¶PÿPÿ, P¶Pα,  
PiP°PjP°PiP»CfC,P°PjC-P»C,C¶P°PSC¶C,,PμC¶P°P·P°).

*P— P±PsPeCž C€PeC-C¶Pë C,P° PiC-PrC€PeC-C¶PSPsC— PeP»C-C,PePsPIPëPSPë:  
C€PeC-C¶PSC- PIPëC¶PëPiP°PSPSC¶, PeC¶PsPiPëPIB¶™ C¶PSPeP°,  
PμPeP·PμPjPsPiPsPrC-P±PSC- PIPëC¶PëPiP°PSPSC¶ PSP° C€PeC-C¶C-, C¶PIPμC¶P±C-P¶,  
PSP°P±C¶C¶PePë.*

*PkPμPIC¶PsP»PsPiC-C†PSC- C¶PsP·P»P°PrPë: PsPSC-PjC-PSPSC¶,  
P·P°PiP°PjPsC¶PsC†PμPSPSC¶, C¶PsPSP»PëPIC-C¶C,CH.*

*P— P±PsPeCž C,C¶P°PIPSPsPiPs C,C¶P°PeC,Cž: P·P°PiPsC¶Pë, P·PrCfC,C,C¶ P¶PëPIPsC,P°,  
PrC-P°C¶PμC¶, PSCfPrPsC,P°, P±P»C¶PIP°PSPSC¶, PiPμC†C-C¶, P±C-P»CH C,P°  
PIC-PrC†CfC,C,C¶ C,C¶P¶PePsC¶C,C- C¶ P¶PëPIPsC,C-, PIC-PrC¶PëP¶PeP°,  
PiPsC¶CfC€PμPSPSC¶ C¶PjP°PePsPIPëC... PIC-PrC†CfC,C,C-PI.*

*P PμPiC¶PsPrCžPeC,PëPIPSC- C¶PsP·P»P°PrPë: PiPsC¶CfC€PμPSPSC¶  
PjPμPSC¶C,C¶CfP°P»CHPSPsPiPs C†PëPeP»Cf C¶ P¶C-PSPsPe, PSP°P±C¶C¶PeP»C-C¶C,CH  
C,P° P±C-P»CH C¶ PjPsP»PsC†PSPëC... P·P°P»PsP·P°C..., PiC-PSPμPePsPjP°C¶C,C-C¶,  
C-PSPrCfPeC†C-C¶ P»P°PeC,P°C†C-C—, PIC-PrC†CfC,C,C¶ C¶PμC¶C†PμP±PëC,C,C¶,  
PiP°C¶C¶C†PeP°, PiC¶PëPiP»PëPIPë, PsPSC-PjC-PSPSC¶ C¶P·PëPeP°, PeP°C€PμP»CH,  
C¶PμC¶PiC-C¶P°C,PsC¶PSPëPμ PrPëC¶C,C¶PμC¶.B*

*P†PSC€C-: C¶PμP°PeC†C-C— PiC-PiPμC¶C†CfC,P»PëPIPsC¶C,C-, PiC-PrPIPëC%oPμPSPSC¶  
C¶C-PIPSC¶ C¶PμC†PsPIPëPSPë, PIC-PrC†CfC,C,C¶ PeP»CfP±PeP° C¶ PiPsC¶P»C-.*

**PÿPμC¶PjC-PS PiC¶PëPrP°C,PSPsC¶C,C-. 3 C¶PsPePë.**

**PjPjPsPIPë P·P±PμC¶C-PiP°PSPSC¶.**

*P—P±PμC¶C-PiP°C,Pë PiC¶Pë C,PμPjPiPμC¶P°C,CfC¶C- PSPμ PIPëC%oPμ 30 B°Pÿ PI  
PsC¶PëPiC-PSP°P»CHPSC-PNë C¶PiP°PePsPIC†C-.*

*P—P±PμC¶C-PiP°C,Pë C¶ PSPμPrPsC¶C,CfPiPSPsPjCf PrP»C¶ PrC-C,PμPNë PjC-C¶C†C-.*

**PjPiP°PePsPIPëP°.**

*PμPs 10 C,P°P±P»PμC,PsPe C¶ C¶C,C¶PëPiC-, PiPs 3 C¶C,C¶PëPiPë PI PeP°C¶C,PsPSPSC-PNë  
C¶PiP°PePsPIC†C-.*

**P¶P°C,PμPiPsC¶C-C¶ PIC-PrPiCfC¶PeCf. P—P° C¶PμC†PμPiC,PsPj.**

**P'PëC¶PsP±PSPëPe.**

