

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCЦ
P»C-PεP°CЃCÍCЃPεPsPiPs P·P°CÍPsP±CÍ**

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

1 Pi PjP°P·C- PjC-ĆĆC,PëC,CHb: P»PµPIPsPjPµPSC,PsP»Ćř бґ” 180 PjPi, PeP°PjC,,PsCґPë бґ” 100
PjPi, PsP»C-C— PµPIPeP°P»C-PiC,PsPIPsC— бґ” 100 PjPi, PsP»C-C— PiPIPsP·PrPëPePsPIPsC— бґ”
10 PjPi;

$$\text{P} \rightarrow \text{C}-\text{R}_6\text{P}^+\text{CH}_2\text{CH}_2\text{CH}_2\text{R}_6\text{P}^+ \quad \text{C}_{70}\text{H}_{82}\text{N}_2\text{S}_2\text{P}_2\text{O}_2.$$

$P\hbar C\acute{I}PSPsPIPSC-C,,C-P\cdot\ddot{P}ePePs-C...C-PjC-C\ddagger PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-: PjP^{\circ}P\cdot CH$
 $P\pm C-P\gg PsPiPs P^{\circ}P\pm Ps P\Pi PsPIC,C\acute{r}PIP^{\circ}C,PsPiPs PePsP\gg CHPsC\ddot{H}C\acute{r}, P\cdot C...P^{\circ}C\ddot{H}P^{\circ}PeC,P\mu C\ddot{H}PSP\ddot{e}Pj$
 $P\cdot P^{\circ}P\ddot{i}P^{\circ}C...PsPj. P_{\hbar}P^{\circ}P\cdot CH P\cdot P^{\circ} P\cdot PsPIPSC-C\epsilon PSC-Pj PIP\ddot{e}PiP\gg C\Pi PrPsPj PjP^{\circ}C'' P\pm C\acute{r}C,P\ddot{e}$
 $PsPrPSPsC\ddot{H}C-PrPSPsC\ddot{H}.$

P_αP°C_HPjP°PePsC,PμC_HP°PiPμPIC,PëC±PSP° PiC_HCíPiP°.

[illegible]

PαP°CḦPjP°PePsP»PsPiC-C≠PSC- PIP»P°CḦC,PëPIPsCḦC,C-.

$$P \propto P^\circ C \overline{H} P_j P^\circ P_e P_s P_\tau P_{\ddot{e}} P S P^\circ P_j C - P_e P^\circ.$$

P₄C₇P₆ P·PsPIPSC-C€PSC_HPsPjC₇ P·P°C₇C,PsC₇C₇PIP°PSPSC- P_iC₇P_uP_iP°C₇P°C,
P_iPsPrC₇P°P·PSC_HC" PSP_uC₇PIPsPIC- P·P°PeC-PSC_‡P_uPSPSC_‡ C€PeC-C₇P₆,

C‡PëPSPëC,CH PIC-PrPIPsP»C-PeP°CḤC‡Cṛ, PjC-ClC†PμPICṛ
P·PSPμP±PsP»CḤPIP°P»CHḤPSCṛ, PīCḤPsC,PëP·P°PīP°P»CHḤPSCṛ C,P°
PīCḤPsC,PëPjC-PeCḤPsP±PSCṛ PrC-CḤ PīCḤPë P·P°PīP°P»PμPSPSC-, P±PsP»CḤ PI
ClCṛPīP»PsP±P°C... C,P° PjḄḤ™ CḤP·P°C....

PṛP°CḤPjP°PePsPeC-PSPμC,PëPeP°.

PḵPμ PIPëPIC‡P°P»P°ClCḤ.

PḤP»C-PSC-C‡PSC- C...P°CḤP°PeC,PμCḤPëClC,PëPePë.

PμPsPeP°P·P°PSPSCḤ.

PŸPëPjPīC,PsPjP°C,PëC‡PSPμ P»C-PeCṛPIP°PSPSCḤ PSPμPICḤP°P»PiC-C—, PjC-P°P»PiC-C—,
P°CḤC,CḤPëC,Cṛ, CḤPμPIPjP°C,PëP·PjCṛ, C-CḤC-P°ClCṛ.

PμCḤPsC,PëPīPsPeP°P·P°PSPSCḤ.

PμC-PrPIPëC‰PμPSP° C‡CṛC,P»PëPIC-ClC,CH PrPs P±CṛPrCḤ-CḤPePsPiPs P·
PePsPjPīPsPSPμPSC,C-PI PīCḤPμPīP°CḤP°C,Cṛ. P P°PSPë Cṛ PjC-ClC†C- PSP°PSPμClPμPSPSCḤ
PīCḤPμPīP°CḤP°C,Cṛ, PrPμCḤPjP°C,PëC,, PePsPeP»CḤCḤ, PμPeP·PμPjP°,
ClC...PëP»CHḤPSC-ClC,CH PrPs P±CḤPsPSC...PsClPīP°P·PjCṛ P°P±Ps ClCṛPrPsPj.

PḤClPsP±P»PëPIPsClC,C- P·P°ClC,PsClCḡPIP°PSPSCḤ.

PḵPμ PSP°PSPsClPëC,Pë PSP° ClP»PëP·PsPIC- PsP±PsP»PsPSPePë! PḵPμ
PrPsPīCṛClPëP°C,Pë PīPsC,CḤP°PīP»CḤPSPSCḤ PīCḤPμPīP°CḤP°C,Cṛ PI PsC‡C-. PJ
CḤP°P·C- PIPëPīP°PrPePsIPsPiPs PīPsC,CḤP°PīP»CḤPSPSCḤ PjP°P·C- PI PsC‡C-
PSPμPsP±C...C-PrPSPs PīCḤPsPjPëC,Pë C—C... PIPsPrPsCḤ C- PSPμPiP°PNḡPSPs
P·PIPμCḤPSCṛC,PëClCḤ PrPs P»C-PeP°CḤCḤ.

PμCḤPë PIC,PëCḤP°PSPSC- Cṛ CḤPeC-CḤCṛ PIPëPeP»PëPeP°C” PIC-PrC‡CṛC,C,CḤ
C...PsP»PsPrCṛ, PīPsC,C-Pj C,PμPīP»PsC,Pë, ClP»P°P±PePsPiPs PīPμC‡C-PSPSCḤ C,P°
PīPsPePsP»CḤPIP°PSPSCḤ.

PḵPμ ClP»C-Pr PSP°PSPsClPëC,Pë PjP°P·CH PSP° PīPsCḤPePsPrP¶PμPSCṛ CḤPeC-CḤCṛ.

PμC-ClP»CḤ PePsP¶PSPsPiPs P·P°ClC,PsClCṛPIP°PSPSCḤ PjP°P·C- CḤPμC,PμP»CHḤPSPs
PjPëC,Pë CḤCṛPePë.

PμCḤPë ClPëP»CHḤPSPsPjCṛ PīPsPrCḤP°P·PSPμPSPSC- CḤPeC-CḤPë PIC,PëCḤP°PSPSCḤ
ClP»C-Pr PīCḤPëPīPëPSPëC,Pë.

***P’P·P°C”PjPsPrC-CḤ P· C-PSCḤPëPjPë P»C-PeP°CḤClCḤPePëPjPë P·P°ClPsP±P°PjPë C,P°
C-PSCḤC- PIPëPrPë PIP·P°C”PjPsPrC-PNḡ.***

РќРµPIC-PrPsPjP°. **B**

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCзPIP°PSPSCII.

P—P°CÍC,PsCÍCзPIP°PSPSCII Cз PiPµCȚC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PiPsPrCзPIP°PSPSCII PiCȚCзPrPrCȚ.

P'P°PiC-C,PSPëPj C,P° P¶C-PSPeP°Pj Cí PiPµCȚC-PsPr PiPsPrCíPIP°PSPSCII PiCȚCíPrPrCȚ
P»C-PeCíPIP°PSPSCII PiCȚPëP·PSP°C±P°C" P»C-PeP°CȚ Cí CȚP°P·C-, PePsP»Pë
PiPµCȚPµPrP±P°C±CíPIP°PSP° PePsCȚPëCÍC,CH PrP»CII P¶C-PSPePë PiPµCȚPµPIPëC%oCíC"
PiPsC,PµPSC†C-PNëPSPëPNë CȚPëP·PëPe PrP»CII PiP»PsPrP°/PrPëC,PëPSPë.

P—PrP°C,PSC-CÍC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CÍC,CH CȚPµP°PeC†C-C— PiCȚPë
PePµCȚCзPIP°PSPSC- P°PIC,PsC,CȚP°PSCÍPiPsCȚC,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

РќРµ PIPiP»PëPIP°C".

PŸPiPsCÍC-P± P·P°CÍC,PsCÍCзPIP°PSPSCII C,P° PrPsP·Pë.

PĤP°P·CH P·P°CÍC,PsCÍPsPICíPIP°C,Pë P·PsPIPSC-CëPSCĤPs PrP»CII
CȚPsP·C,PëCȚP°PSPSCII.

2БȚ"3 Pi PiCȚPµPiP°CȚP°C,Cí P»PµPiPePs PIC,PëCȚP°C,Pë PrPs PiPsPIPSPsPiPs
PICÍPjPsPeC,CíPIP°PSPSCII PI CíCȚP°P¶PµPSCí PrC-P»CII PSPeCí C,C-P»P° C,P°
PiCȚPëP»PµPiP»Cí PrC-P»CII PSPeCí CëPeC-CȚPë 2БȚ"3 CȚP°P·Pë PSP° PrPsP±Cí.

PĤCȚP°C,PSC-CÍC,CH P·P°CÍC,PsCÍCíPIP°PSPSCII C- C,CȚPëPIP°P»C-CÍC,CH PeCíCȚCÍCí
P»C-PeCíPIP°PSPSCII PIPëP·PSP°C±P°C" P»C-PeP°CȚ P·P°P»PµP¶PSPs PIC-Pr
C...P°CȚP°PeC,PµCȚCí P·P°C...PIPsCȚCȚPIP°PSPSCII, PNëPsPiPs PIPëCȚP°P¶PµPSPsCÍC,C-,
PrPsCÍCII PiPSCíC,PsPiPs PµC,,PµPeC,Cí, PIPëPrCí P±P°P·PëCÍPSPsC— C,PµCȚP°PiC-C—.

P"°C-C,Pë.

P"°C-C,CII Pj PIC-PePsPj PrPs 12 CȚPsPeC-PI PSPµ CȚPµPePsPjPµPSPPrCíC"C,CHCÍCII
P·P°CÍC,PsCÍPsPICíPIP°C,Pë PiCȚPµPiP°CȚP°C,.

PµPµCȚPµPrPsP·CзPIP°PSPSCII.

P'C-PrC†CíC,C,CII CÍPëP»CH PSPsPiPs C,PµPiP»P° C,P° PiPµC†C-PSPSCII Cí PjC-CÍC†C-
PSP°PSPµCÍPµPSPSCII PjP°P·C- C†Pë PiPsCÍPëP»PµPSPSCII PiCȚPsCII PIC-PI
PiPsP±C-C†PSPëC... CȚPµP°PeC†C-PNë. PhP»PµCȚPiC-C†PSC- CȚPµP°PeC†C-C—
(PeCȚPsPiPëPiBȚ™ CII PSPeP°, CÍPIPµCȚP±C-P¶ CëPeC-CȚPë) Cí CȚP°P·C-
PiC-PrPIPëC%oPµPSPsC— C†CíC,P»PëPIPsCÍC,C- PrPs PiCȚPµPiP°CȚP°C,Cí.
PŸPµCȚP°PiC-CII CÍPëPjPiC,PsPjP°C,PëC†PSP°.

B

PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—.

P— P±PsPeCž C-PjCžPSPSPsC— CÍPëCÍC,PμPjPë: PjPsP¶P»PëPIC- P°P»PμCḡPiC-C‡PSC- CḡPμP°PeC†C-C—, PIPeP»CḡC‡P°CḡC‡Pë PïPsC‡PμCḡPIPsPSC-PSPSC¶ C€PeC-CḡPë, CÍPIPμCḡP±C-P¶, C€PeC-CḡPSC- PIPëCÍPëPïP°PSPSC¶, PeCḡPsPïPëPIBḡ™ C¶PSPeCř, PePsPSC,P°PeC,PSPëPNë PrPμCḡPjP°C,PëC,.

P— P±PsPeCž C†PμPSC,CḡP°P»CHPSPsC— PSPμCḡPIPsPIPsC— CÍPëCÍC,PμPjPë: PïPsP»PsPIPsPëPNë P±C-P»CH, P·P°PïP°PjPsCḡPsC‡PμPSPSC¶, PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSC¶ CÍCřPrPsPj, CÍPïCḡPëC‡PëPSPμPSPμ PeP°PjC,,PsCḡPsCḡ.

PμPsCḡCžC€PμPSPSC¶ Cž PjC-CÍC†C- PIPIPμPrPμPSPSC¶: PïPsC‡PμCḡPIPsPSC-PSPSC¶ C€PeC-CḡPë, CÍPIPμCḡP±C-P¶, Cř PrC-C,PμPNë PjPsP¶Pμ PIPëPSPëPePSCřC,Pë PrPμCḡPjP°C,PëC,.

PŸPμCḡPjC-PS PïCḡPëPrP°C,PSPsCÍC,C-. 3 CḡPsPePë.

PJPjPsPIPë P·P±PμCḡC-PiP°PSPSC¶.

P—P±PμCḡC-PiP°C,Pë PI PsCḡPëPiC-PSP°P»CHPSC-PNë CřPïP°PePsPIC†C- PïCḡPë C,PμPjPïPμCḡP°C,CřCḡC- PSPμ PIPëC‰Pμ 25 B°PŸ.

P—P±PμCḡC-PiP°C,Pë Cř PSPμPrPsCÍC,CřPïPSPsPjCř PrP»C¶ PrC-C,PμPNë PjC-CÍC†C-.

B B

PJPïP°PePsPIPeP°. PμPs 20 Pi Cř PePsPSC,PμPNëPSPμCḡP°C....B B B B

PḡP°C,PμPiPsCḡC-C¶ PIC-PrPïCřCÍPeCř. P’PμP· CḡPμC†PμPïC,P°.

P’PëCḡPsP±PSPëPe.

PμP PḡPŸ B«PᄁP†PŸPḡPᄁPḡP PḡB».

PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSC¶ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCÍP° PjC-CÍC†C¶ PïCḡPsPIP°PrP¶PμPSPSC¶ PNëPsPiPs PrC-C¶P»CHPSPsCÍC,C-.

PJPeCḡP°C—PSP°, 84500, P”PsPSPμC†CHPeP° PsP±P»., Pj. P’P°C...PjCřC,, PICřP».
PŸPëP±C-CḡC†PμPIP°, 2.

P—P°C¶PIPsPëPe.

РѹР РђРђ Б«РѹР†РђРђРђРђРђ РђБ».

РђС-СЃС†РђР•РЅР°С...РѕРђРђРђРђРђРђСЃ Р•Р°СЃРђРђРђРђРђРђР°.

РЈРёСЃР°С—РЅР°, 02100, РјС-СЃЃС,Рѕ РђРёРёС—РІ, Р±. Р’РђСЃС...РѕРІРЅРѕС— Р Р°РђРё, Р±СЃРђРёРёРЅРѕРё 7, РёРѕРІРђСЃС... 3, РёСЃРёРјС-С%РђРђРђСЃ 18.