

Р†РќРЎРЎР РЈРЉРІР†РЇ

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

$$P^{\prime}P \gg P^{\dagger}C^{\dagger}P_{\mu}C^{\dagger}P_sP \gg P_{\mu}P^{\dagger}C^{\dagger}P_s$$
$$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma:$$

PrC-CHC≡P° CH₃PMC≡PsPIPöPSP°: glycerol;

$$1 \text{ Cl}^+ \text{Cr}^+ \text{PiPsP} \cdot \text{P}\ddot{\text{e}}\text{C}, \text{PsCH}_2\text{C}-\text{PN}_{\infty} \text{ PjC}-\text{Cl}^+\text{C}, \text{P}\ddot{\text{e}}\text{C}, \text{CH} \text{ PiP} \gg \text{C}-\text{C}^\dagger \text{P}_{\mu}\text{CH}_2\text{P}\ddot{\text{e}}\text{PSCr} \quad 1 \text{ Pi } \text{P}^\circ \text{P}^\pm \text{Ps} \quad 2 \text{ Pi};$$

$P\tau PsPiPsPjC-P\Pi PSC-C\tilde{h}P\mu C\ddagger PsPIP\ddot{e}PSP\ddot{e}: P\Pi P\mu P\gg P^{\circ}C,P\ddot{e}PS, PIPsP\tau P^{\circ}PsC\ddagger P\ddot{e}C\%_{\infty}P\mu PSP^{\circ}.$

$$\text{P}^\circ\text{C}-\text{P}^\circ\text{C}\text{H}\text{C}\text{H}\text{C}\text{H}\text{P}^\circ\text{C}, \text{PsC}\text{H}\text{PjP}^\circ. \text{P}\check{\text{Y}}\text{Cr}\text{P}\ddot{\text{i}}\text{PsP}\cdot\text{P}\ddot{\text{e}}\text{C}, \text{PsC}\text{H}\text{C}-\text{C}-\text{C}\text{H}\text{P}\text{u}\text{P}^\circ\text{C}, \text{P}^\circ\text{P}\gg\text{C}\text{H}\text{P}\text{S}\text{C}-.$$

PhCÍPSPsPIPsC- C,,C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°CÍC,PëPIPsCÍC,C-: CÍPIC-C#PePë C-P·
P¶PµP»P°C,PëPSPsPIPsC— PjP°CÍPë, PSP°PïC-PIPiC¶PsP·PsC¶C-, P¶PsPIC,PsPiPs
PePsP»CHbPsC¶CÍr, PsPrPSPsC¶C-PrPSC- PSP° PIPëPr, P±PµP· P·P°PiP°C...CÍr P°P±Ps P·C-
CÍP»P°P±PePëPj C...P°C¶P°PeC,PµC¶PSPëPj P·P°PiP°C...PsPj.

P_αP°C₅P_jP°P_εP_sC,P_μC₅P°P_iP_μP_iC,P_εC_‡P_SP° P_iC₅C_rP_iP°.

P†PSC€C- PİC₇PₛPSPₛCİPSC- P·P°CİPₛP±Pē. P₇PₛPₜ P₅PḡPₜ A06A X01.

$$P\alpha P^{\circ}C\overline{H}PjP^{\circ}PePsP\gg PsPiC-C\neq PSC-PIP\gg P^{\circ}C\overline{I}C,P\ddot{e}PIP_sC\overline{I}C,C-.$$
$$P \propto P^\circ C \bar{H} P_j P^\circ P \epsilon P_s P_r P \ddot{e} P S P^\circ P_j C - P \epsilon P^\circ.$$

Pj C†PëCfC,PsPjCf PIPëPiP»CfPPrC- PiP»C-C†PµCfPëPS PjP°C”
PiPsPrCfP°P·PSCfPIP°P»CHpSCf PrC-Cf, CfPeP° P·PSPëPeP°C” PiCfPë PrPsPrP°PIP°PSPSC-
PIPsPrPë (PrPs 30-50%), PIP°P·PµP»C-PSCf, P»P°PSPsP»C-PSCf. PµCfPë
P·P°CfC,PsCfCfPIP°PSPSC- Cf PIPëPiP»CfPPrC- CfPµPeC,P°P»CHpSPëC...
CfCfPiPsP·PëC,PsCfC-C—PI PiPsP»PµPiCëCfC” PIPëPiPµPrPµPSPSCf PeP°P»PsPIPëC... PjP°Cf.
PµCfPë PIPiPµPrPµPSPSC- Cf PiCfCfPjCf PePëCëPeCf PiP»C-C†PµCfPëPSPsPIC-
CfCfPiPsP·PëC,PsCfC-C— C†PëPSCfC,CH P»PµPiPeCf PiPsPrCfP°P·PSCfPIP°P»CHpSCf
PrC-Cf PSP° CfP»PëP·PsPICf PsP±PsP»PsSPeCf C,P° CfPµC,,P»PµPeC,PsCfPSPëPj
CëP»CfC...PsPj C-PSC-C†C-CfCfC,CH PiCfPsC†PµCf PrPµC,,PµPeP°C†C-C—.

РљР»С-РSC-С±РSC- С...Р°СЃР°Р°С,РµСЃР°СЃС,Р°Р°Р°.

PuPsPeP°P·P°PSPSCII.

PJ PīPμC₇C-PsPr PIP°PīC-C,PSPsCīC,C- PīC₇PμPīP°C₇P°C, PjPsP¶PSP°
P-P°CīC,PsCīPsPICrPIP°C,Pē C,C-P»CHbPePē C,PsPrC-, PePsP»Pē PsC‡C-PeCrPIP°PSP°
PePsC₇PēCīC,CHb PrP»C¶ PjP°C,PμC₇C- PīPμC₇PμPIPēC%CrC” PīPsC,PμPSC‡C-PN₆PSPēPN₆

[illegible]

$P-PrP^oC, PSC-CfC, CH_3PIP\ddot{P} \gg P\ddot{e}PIP^oC, P\ddot{e}PSP^oC \in PIP\ddot{e}PrPeC-CfC, CH_3C\ddot{H}P\mu P^oPeC\ddagger C-C-P\ddot{e}C\ddot{H}P\ddot{e}PeP\mu C\ddot{H}C\acute{2}PIP^oPSPSC-P^oPIC, PsC, C\ddot{H}P^oPSC\acute{1}\acute{P}\ddot{P}PsC\ddot{H}C, PsPjP^oP\pm PsC-PSC \in P\ddot{e}PjP\ddot{e}PjP\mu C...P^oPSC-P\cdot PjP^oPjP\ddot{e}.$

$$P_k P_\mu \text{ PIP} \ddot{P} \gg P \ddot{e} \text{PIP}^\circ C''.$$

PŸPĩPₛCÍĆ-P± P·P°CÍĆ,PₛCÍĆżPIP°PSPSCИ C,P° PᵣPₛP·Pë.

P—P°CΓC,PsCΓPsPICrPIP°C,Pë PïPs 1 CΓCΓPiPsP·PëC,PsCΓC—CΓ 1 CΓP°P· PSP° PrPsP±CΓ C‡PμCΓPμP· 15-20 C...PIPëP»PëPS PïC—CΓP»CΠ CΓPSC—PrP°PSPeCΓ.

$P\ddot{Y}Cr\ddot{P}iPsP\cdot\ddot{P}eC,PsC\ddot{H}C-PrP\ddot{P}eC,P\ddot{e}Cr\ddot{P}iC\ddot{H}C\ddot{U}PjCrPeP\ddot{e}C\ddot{P}eCrC,P^{\circ}$
 $CrC,C\ddot{H}P\ddot{P}jCr\ddot{P}IP^{\circ}C,P\ddot{e}C,P^{\circ}Pj\ddot{P}iC\ddot{H}PsC,C\ddot{U}P\ddot{P}iPsPjPSP\ddot{P}PjP\ddot{P}PSC\ddot{P}P\mu5C\dots PIP\ddot{P}P\rangle P\ddot{P}PS,C\ddot{U}P\ddot{P}eC\%Ps$
 $PSP\ddot{P}PIC-PrP\pm Cr\ddot{P}IP^{\circ}C''C,CHC\ddot{F}C\ddot{U}PIP\ddot{P}iPsC\ddot{H}PsP\ddot{P}PSP\ddot{P}PSPSC\ddot{U}C\ddot{H}P^{\circ}PSC-C\ddot{P}P\mu.$
 $P-P^{\circ}P\rangle P\ddot{e}C\ddot{P}eP\ddot{e}C\ddot{F}Cr\ddot{P}iPsP\cdot\ddot{P}eC,PsC\ddot{H}C-C-PIPIP\ddot{P}IPsPrC\ddot{U}C,CHC\ddot{F}C\ddot{U}P\cdot PsC\ddot{H}PiP^{\circ}PSC-P\cdot PjCr$
 $C\ddot{H}P^{\circ}P\cdot PsPjC-P\cdot PeP^{\circ}P\rangle PsPIP\ddot{P}PjP\ddot{P}PjP^{\circ}C\ddot{F}P^{\circ}PjP\ddot{P}P\mu C\ddot{H}P\ddot{P}PSP\ddot{P}PsP\pm C\dots C-PrPSPSc\ddot{F}C,C-$
 $PrPsP\cdot CrPjPsP\ddot{P}PSP^{\circ}P\cdot P\pm C-P\rangle CHC\ddot{P}eC,P\ddot{e}PrPs2C\ddot{F}Cr\ddot{P}iPsP\cdot\ddot{P}eC,PsC\ddot{H}C-C-PIPSP^{\circ}PrPsP\pm Cr.$

P P°P·PsPIP° PrPsP·P° PrPsC₇H₅Cl'P»PëPj C,P° PrC-C,C₄IPj PIC-PePsPj PIC-Pr 6 C₇H₅PsPeC-PI: 1 Cl'CrPìPsP·PëC,PsC₇H₅-PNë PìPs 2 Pi P°P±Ps 2 Cl'CrPìPsP·PëC,PsC₇H₅-C₄ PìPs 1 Pi.

P P°P·PsPIP° PrPsP·P° PrC-C,ClPj PIC-PePsPj PIC-Pr 2 PrPs 6 C₇H₅PsPeC-PI: 1 Cl'CrP_iPsP·P_eC,PsC₇H₅C-PN₉ P_iPs 1 P_i.

P>C-PeCfPIP°PSPSCl P·P°PİPsC7C-PI PSPı PİPsPIPëPSPSPs PİPıC7PıPIPëC%oCfPIP°C,Pë 7
PrPSC-PI.

P''C-C,Pë.

$P''C-C, CUPj$ PIC- $PePsPj$ PIC- Pr 2 $C_7PsPeC-PI$ $PiC_7P_{\mu}PiP^{\circ}C_7P^{\circ}C$, $P \cdot P^{\circ}C_7C$, $PsC_7PsPIC_7PIP^{\circ}C$, $P\ddot{e}$ C_7
 $PrPsP \cdot C-1$ Pi $PiP \gg C-C \uparrow P_{\mu}C_7P\ddot{e}PSC_7$.

PuPμCηPμPτPsP·CζPIP°PSPSCΠ.

PŸPëPjPiC,PsPjPë: C†P°C†C,Pµ C†C-PrPePµ PIPëPiPsC†PSPµPSPSC†. PµC†PSc...PsPrPëC,CH C†P°PjPsC†C,C-PNëPSPs PiC-C†P»C† PIC-PrPjC-PSPë PiC†PµPïP°C†P°C,C†.

PJ CḡP°P·C- PīPμCḡPμPrPsP·CḡPIP°PSPSCḡ CḡP»C-Pr PIC-PrPjC-PSPëC,Pë PīCḡPμPīP°CḡP°C,.

PμPsP±C-C#PSC- CḡPμP°PeC†C-C—.

PḡPīPëCḡP°PSPs PrPμCḡPμPeC- PSP°CḡP»C-PrPePë C,P° CḡPëPjPiC,PsPjPë, C%Ps
P·PSPëPeP°CḡC,CH PīC-CḡP»Cḡ P·P°PIPμCḡC€PμPSPSCḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ,
P·PsPeCḡPμPjP°, CḡPμPeC,P°P»CHPSPëPNḡ PrPëCḡPePsPjC,,PsCḡC,, PīPsPrCḡP°P·PSPμPSPSCḡ,
PīPμC†C-PSPSCḡ, PePsP»C-PePë C,P° CḡPīP°P·PjPë. PḡCḡC-Pj C,PsPiPs, Cḡ
CḡC-PrPeC-CḡPSPëC... PIPëPīP°PrPeP°C... PjPsPḡPμ CḡPīCḡPëC†PëPSCḡC,Pë
PiC-PīPμCḡPμPjC-Cḡ CḡP»PëP·PsPIPsC— PsP±PsP»PsPSPëPë PīCḡCḡPjPsC— PePëC€PePë, P° Cḡ
PīPsPsPrPëPSPsPePëC... PIPëPīP°PrPeP°C... Bḡ“ PSPμPIPμP»PëPeC- PeCḡPsPIPsC,PμC†C- P°P±Ps
PIPëPrC-P»PμPSPSCḡ CḡP»PëP·Cḡ.

PḡPsPḡP»PëPIC- P°P»PμCḡPiC-C#PSC- CḡPμP°PeC†C-C—, P±C-P»CH, PSCḡPrPsC,P°,
P±P»CḡPIP°PSPSCḡ, C€P»CḡPSPePsPIPs-PePëC€PePsPIP° PeCḡPsPIPsC,PμC†P°.

PμCḡPë C,CḡPëPIP°P»PsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- CḡPīPsCḡC,PμCḡC-PiP°P»PëCḡCḡ
PīPsPrCḡP°P·PSPμPSPSCḡ C- PSPμPīCḡPëC”PjPSC- PIC-PrC†CḡC,C,Cḡ Cḡ PīCḡCḡPjC-PNḡ
PePëC€C†C-; C-PSPsPrC- Bḡ“ PeP°C,P°CḡP°P»CHPSPëPNḡ PīCḡPsPeC,PëC,.

PḡPμCḡPjC-PS PīCḡPëPrP°C,PSPsCḡC,C-. 3 CḡPsPePë.

PjPjPsPIPë P·P±PμCḡC-PiP°PSPSCḡ.

P—P±PμCḡC-PiP°C,Pë PīCḡPë C,PμPjPīPμCḡP°C,CḡCḡC- PSPμ PIPëC%Pμ 25 B°Pḡ.
P—P±PμCḡC-PiP°C,Pë Cḡ PSPμPrPsCḡC,CḡPīPSPsPjCḡ PrP»Cḡ PrC-C,PμPNḡ PjC-CḡC†C-.

PjPīP°PePsPIPeP°.

PμPs 6 CḡCḡPīPsP·PëC,PsCḡC-C—PI Cḡ C,PμCḡPjPsP·P°PīP°CḡPSPsPjCḡ P±P»C-CḡC,PμCḡC- P·
P±C-P»PsC— PSPμPīCḡPsP·PsCḡPsC— PμP’Pḡ PīP»C-PIPePë; PīPs 1 P°P±Ps PīPs 2
P±P»C-CḡC,PμCḡPë.

PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPīCḡCḡPeCḡ. P’PμP· CḡPμC†PμPiC,P°.

P’PëCḡPsP±PSPëPe.

P»P°P±PsCḡP°C,PsCḡC-CḡCḡ P’P°CḡC- - P†PSPPrCḡCḡC,CḡC-P° P»P°CḡPjP°CḡCHCḡC,C-PeP°,
Pḡ.Pḡ.

**РҖС-СГС†РµР·РSP°С...РsРrР¶РµРSPSCЦ РIPёСҖРsР±РSPёРeР° С,Р° РNёРsРiРs
Р°РrСҖРµСГР° РjС-СГС†СЦ РiСҖРsРIP°РrР¶РµРSPSCЦ РrС-СЦР»СҖРSPsСГС,С-.**

РµР°СҖРe Р†РSPrСrСГС,СҖС-Р°Р» РҖР°Р°СГРµР»Р»СҖРs Р»РµСҖСҖРµРµРµСҖРµР°,
Р»РsС,СГ 8, 15 С,Р° 16, МоСҖС,Р°РiСra, 3450-232, РµРsСҖС,СrРiР°Р»С-СЦ.