

Р†РќРЎРЎР РЈРЉРІР†РЇ

**PrP»CЦ PjPμPrPëC±PSPsPiPs P•P°CíC,PsCíCřPIP°PSPSCЦ P»C-PeP°CЃCíCЃPePsPiPs
P•P°CíPsP±Cř**

P“P»P†C†PμC‡PsP» P„PIC‡Ps

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

PrC-CHC#P° CH₃PMuC#PsPIPëPSP°: glycerol;

$$1 \text{ Cl}^+ \text{Cr}^+ \text{PiPsP} \cdot \text{P}\ddot{\text{e}}\text{C}, \text{PsCH}_2\text{C}-\text{PN}_{\infty} \text{ PjC}-\text{Cl}^+\text{C}, \text{P}\ddot{\text{e}}\text{C}, \text{CH} \text{ PiP} \gg \text{C}-\text{C}^\dagger \text{P}_{\mu}\text{CH}_2\text{P}\ddot{\text{e}}\text{PSCr} \quad 1 \text{ Pi } \text{P}^\circ \text{P}^\pm \text{Ps} \quad 2 \text{ Pi};$$
$$PrPsPiPsPjC-P\PSC-C\hbar P\mu C\ddagger PsPIP\ddot{e}PSP\ddot{e}: P\P P\mu P\gg P^{\circ}C, P\ddot{e}PS, PIPsPrP^{\circ} PsC\ddagger P\ddot{e}C\%_{\circ}P\mu PSP^{\circ}.$$
$$\text{P}^{\circ}\text{C}-\text{PeP}^{\circ}\text{C}\tilde{\text{H}}\text{C}\dot{\text{I}}\text{CH}\tilde{\text{N}}\text{PeP}^{\circ}\text{C}, \text{PsC}\tilde{\text{H}}\text{PjP}^{\circ}. \text{P}\check{\text{Y}}\text{Cr}\ddot{\text{P}}\text{iPsP}\cdot\ddot{\text{P}}\text{eC}, \text{PsC}\tilde{\text{H}}\text{C}-\text{C}-\text{C}\tilde{\text{H}}\text{PuPeC}, \text{P}^{\circ}\text{P}\gg\text{CH}\text{PSC}-.$$

PhCÍPSPsPIPS- C,,C-P·PëPePs-C...C-PjC-C±PSC- PIP»P°CÍ'C,PëPIPsCÍ'C,C-: CÍPIC-C±PePë C-P· P¶PµP»P°C,PëPSPsPIPsC— PjP°CÍ'Pë, PSP°PïC-PIPiCḡPsP·PsCḡC-, P¶PsPIC,PsiPiPs PePsP»ChbPsCḡCr, PsPrPSPsCḡC-PrPSC- PSP° PIPëPr, P±PµP· P·P°PiP°C...Cr P°P±Ps P·C- CÍ'P»P°P±PePëPj C...P°CḡP°PeC,PµCḡPSPëPj 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±Pë. P₇PₛPₜ PₕPŷPİ A06A X01.

$$P\alpha P^{\circ}C\overline{H}PjP^{\circ}PePsP\gg PsPiC-C\neq PSC-PIP\gg P^{\circ}C\overline{I}C,P\ddot{e}PIPsC\overline{I}C,C-.$$
$$P\propto P^{\circ}C\hbar PjP^{\circ}P\epsilon P_sP\tau P\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

Pj C†PëCfC,PsPjCf PIPëPiP»CfPPrC- PiP»C-C†PµCfPëPS PjP°C”
PiPsPrCfP°P·PSCfPIP°P»CHfPSCf 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»CHfPSPëC...
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»CHfPSCf
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—.

P_LP»C-PSC-C±PSC- C...P°CHP°PeC,PμCHPëCΓC,PëPePë.

PuPsPeP°P·P°PSPSCU.

PJ PīPμC₇C-PsPr PIP°PīC-C,PSPsC₇C,C- PīC₇PμPīP°C₇P°C, PjPsP¶PSP°
P·P°C₇C,PsC₇PsPIC₇PIP°C,Pē C,C-P»CHPePē C,PsPrC-, PePsP»Pē PsC†C-PeC₇PIP°PSP°
PePsC₇PēC₇C,CH PrP»C¶ PjP°C,PμC₇C- PīPμC₇PμPIPēC%CrC" PīPsC,PμPSC†C-PN₆PSPēPN₆

PkPmPIC-PrPsPjPs, C±Pë PµPeCfPeChPµC,CrC''C,CHClCµ PiP»C-C†PµChPëPS Cr PiChCrPrPSPµ
PjPsP»PsPePs, C,PspJcÍ C†PµPNë P»C-PeP°ChCíChPePëPNë P·P°CÍC-P± CÍP»C-Pr
P·P°CÍC,PsCÍPsPICrPIP°C,Pë C,PsprC-, PePsP»Pë, PSP° PrCrPjPeCr P»C-PeP°ChCµ,
PsC±C-PeCrPIP°PSP° PePsChPëCÍC,Ch PrP»Cµ Pjp°C,PµChC- PiPµChPµPIPëC%oCrC''
PiPsC,PµPSC†C-PNëPSPëPNë ChPëP·PëPe PrP»Cµ PrPëC,PëPSPë.

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

PJ CḡP°P·C- PīPμCḡPμPrPsP·CfPIP°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,PsCḡCfPIP°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,PsCḡCfPIP°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’PI 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 РІРёСҖРsР±РSPёРёР° С,Р° Р№РsРiРs
Р°РrСҖРµСГР° РjС-СГС†СЦ РiСҖРsРІР°РrР¶РµРSPSCЦ РrС-СЦР»СҖРSPsСГС,С-.**

РµР°СҖРё Р†РSPrСrСГС,СҖС-Р°Р» РҖР°Р°СГРµР»Р»СГРs Р»РµСҖСҖРµРµР№Р№а,
Р»РsС,СГ 8, 15 С,Р° 16, МоСҖС,Р°РiСrа, 3450-232, РµРsСҖС,СrРiР°Р»С-СЦ.