

Р†РќРЎРЎР РЈРЉРІР†РЇ

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

P•P'P_hP_y 200

ENAT (200)

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

PrC-CHC†P° CḤPμC†PsPIPëPSP°: 1 PeP°PïCíCřP»P° PjC-CíC,PëC,CH PIC-C,P°PjC-PSCř P• BḤ''
200 PḤPh (D-P°P»CHC,,P°-C,PsPePsC,,PμCḤPsP»Cř P°C†PμC,P°C,);

*PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: PsP»C-C¶ C¶PsC¶PIP°; P¶PµP»P°C, PëPSPsPIP°
PeP°PïC¶C¶P»P°: P¶PµP»P°C, PëPS, PiP»C-C¶PµC¶PëPS, PIPsPrP° PsC¶PëC%ooPµPSP°.*

P>C-PeP°CґCґCґPeP° C,,PsCґPjP°. PыP°PiCґCґP»Pё Pјвґ™ CЦPeC-.

PhCfPSPsPIPC- C,,C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°CfC,PëPIPsCfC,C-: PsPIP°P»CHPSC-
PjбH™ CllPeC- P¶PμP»P°C,PëPSPsPIC- PeP°PïCfCfP»Pë, PSP°PïPsPIPSpμPSC-
PiCfPpP·PsCfPpSCf CfPIC-C,P»Ps-P¶PsPIC,PsCf PsP»C-C"PiPsPrC-P±PSPsCf
CfC-PrPëPSPsCf.

P_αP°C₇P_jP°PePsC,P_μC₇P°P_iP_μPIC,PëC±PSP° PiC₇C₇P_iP°.

Р₄С₇PsCl⁺C₂- P⁻iC₇P_μP^oC₇P^oC₂,P^o PIC-C₂,P^oP_jC-PSC-PI. P_γPsPePsC₂,P_μC₇PsP»
(PIC-C₂,P^oP_jC-PS P[•]). P_γPsPr ATP⁺ A11H A03.

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

$P'C-C, P^o PjC-PS P \bullet$ бҗ” $P \parallel P\ddot{e}C\overline{H}PsC\overline{H}PsP \cdot C \ddot{+} P\ddot{e}PSPSP\ddot{e}PN_{\infty}$ $PIC-C, P^o PjC-PS, C\overline{H}PeP\ddot{e}PN_{\infty} PjP^oC''$
 $PIP\ddot{e}C\overline{H}PsPeC\overline{r} P^oPSC, P\ddot{e}PsPeC\overline{H}P\ddot{e}PrP^oPSC, PSC\overline{r} C- C\overline{H}P^oPrC-PsP\ddot{e}C\overline{H}PsC, P\mu PeC, PsC\overline{H}PSC\overline{r}$
 $PrC-C\overline{H}, P \pm P\mu C\overline{H}P\mu C\overline{r} C \ddot{+} P^oC\overline{H}C, C\overline{H} C\overline{r} P \pm C-PsC\overline{H}P\ddot{e}PSC, P\mu P \cdot C- PiP\mu PjP^o C- P \pm C-P \gg PeC-PI,$
 $P\ddot{e}C\overline{H}PsP \gg C-C,, P\mu C\overline{H}P^oC \ddot{+} C-C- PeP \gg C-C, P\ddot{e}PS C, P^o PI C-PSCEP\ddot{e}C...$
 $PSP^oPN_{\infty}PIP^oP \parallel P \gg P\ddot{e}PIC-C \notin P\ddot{e}C... PiC\overline{H}PsC \ddot{+} P\mu C\overline{H}P^oC... PeP \gg C-C, P\ddot{e}PSPSPsPiPs$
 $PjP\mu C, P^o P \pm PsP \gg C-P \cdot PjC\overline{r}. P'C-C, P^o PjC-PS P \bullet PiPsPeC\overline{H}P^oC\%CrC'' C\overline{H}PiPsP \parallel P\ddot{e}PIP^oPSPSC\overline{H}$
 $C, PeP^oPSP\ddot{e}PSP^oPjP\ddot{e} PeP\ddot{e}C\overline{H}PSC\overline{H}. P\mu C\overline{H}PsC\overline{H}PIP \gg C\overline{H}C'' P^oPSPiC-PsP\ddot{e}C\overline{H}PsC, P\mu PeC, PsC\overline{H}PSC\overline{r}$
 $PrC-C\overline{H}, PIPiP \gg P\ddot{e}PIP^oC\overline{H}C \ddot{+} P\ddot{e} PSP^o C, PsPSC\overline{r}C\overline{H} C- PiC\overline{H}PsPSP\ddot{e}PePSC-C\overline{H}C, C\overline{H} C\overline{H}C\overline{r}PrP\ddot{e}PS,$
 $C\overline{H}C, P\ddot{e}PjC\overline{r}P \gg C\overline{H}C\overline{H}C \ddot{+} P\ddot{e} C\overline{r}C, PIPsC\overline{H}P\mu PSPSC\overline{H} PSPsPIP\ddot{e}C... PeP^oPiC-P \gg C\overline{H}C\overline{H}C-PI.$

P†PjCřPSPsPjPsPrPμP»CřCřC†PëPN₂ PμC,,PμPeC, PIC-C,P°PjC-PSCř P• P-CřPjPsPIP»PμPSPëPN₂
CřC,PëPjCřP»C†C†C-C”Cř Pÿ-PeP»C-C,PëPSPSPsPiPs C,P° PiCřPjPsCřP°P»CHbPSPsPiPs
C-PjCřPSC-C,PμC,Cř.

PyPsPePsC,,PμCḡPsP» C" PSpμP·P°PjC-PSPSPëPj PrP»Cḡ PSpSḡPjP°P»CHbPSPëC...
 CḡPμPīCḡPsPrCrPeC,PëPIPSPëC... PīCḡPsC†PμCḡC-PI: P·P°PīP»C-PrPSPμPSPSCḡ,
 CḡPsP·PīPëC,PeCr PīP»PsPrP°, C,,PsCḡPjCrPIP°PSPSCḡ C,P° C,,CrPSPeC†C-PsPSCrPIP°PSPSCḡ
 CḡC,P°C,PμPIPsC— CḡPëCḡC,PμPjPë.

РµСђРё РrРµC„C-С†РёC,C- PIC-C,P°PjC-PSCr P• CђPsP·PIPёPIP°C”C,СђСђСђСђ
PiC-PiPsC,PsPSC-СђСђ C,P° РrРёСђСђ,CђPsC„C-Сђ СђРёРµРµP»РµC,PsPёC... Pjвђ™СђP·C-PI,
PjC-PsPeP°СђРrP°, PiC-РrPIPёC%СђСђC,СђСђСђСђ PiСђPsPSPёPePSC-СђСђ,Сђ C,P°
P»P°PjPeC-СђСђ,Сђ PeP°PiC-P»СђСђСђC-PI, СђPsP·PIPёPIP°C”C,СђСђСђСђ
РrРµPiРµPSPµСђР°СђСђ-СђСђ C„PsC,PsСђРµСђРµPiC,PsСђC-PI, СђPeP° СђPiСђРёC±РёPSCСђСђ”
PiPsСђСђСђСђРµPSPSCСђ P·PsСђСђ. P PsP·PIPёPIP°C”C,СђСђСђСђ P·PSPёP¶PµPSPSCСђ
СђСђ,P°C,РµPiPsC— C„СђPSPёСђСђ-Сђ Сђ СђPsP»PsPIC-PeC-PI C,P° PiPsСђСђСђСђРµPSPSCСђ
PjРµPSCСђСђ,СђСђР°P»СђPSPsPiPs СђРёPeP»Сђ, СђСђ...РёP»СђPSC-СђСђ,Сђ РrPs
PIPёPePёРrPSC-PI Сђ P¶C-PSPsPe.

Р”РµC„C-С†РёC, PIC-C,P°PjC-PSCr P• PjPsP¶Pµ P·СђPjPsPIPёC,Рё СђPsP·PIPёC,PsPe
PiРµPjPsP»C-C,РёC±PSPsC— P¶PsPIC,СђPSPёСђСђ- Сђ PSPsPiPsPSP°СђPsРrP¶PµPSPёC..., P°
C,P°PePsP¶ СђРёPSPrСђPsPj PjP°P»СђP°P±СђPsСђP±СђСђ-Сђ, СђСђ,РµP°C,PsСђРµСђ.

РµP°СђPjP°PePsPeC-PSРµC,РёPeP°.

РµC-СђР»Сђ PICСђPjPsPeC,СђPIP°PSPSCСђ Сђ PePёCёРµC±PSPёPeCр P±C-P»СђСёP°
СђP°СђСђ,РёPSP° C,PsPePsC„РµСђPsP»Сђ PiPsC,СђР°PiP»СђСђ” Сђ P»C-PjC„Сђ C,P° PeСђPsPI,
СёPIPёРrPePs СђPsP·PiPsРrC-P»СђСђ”C,СђСђСђСђ Сђ C,PeP°PSPёPSP°C... PsСђPiP°PSC-P·PjСђ P·
PiРµСђРµPIP°P¶PSPёPj PSP°PePsPiPёC±РµPSPSCСђPj Сђ PiРµСђСђ-PSCСђСђ-, Pjвђ™СђP·P°C...,
P¶PёСђPsPIC-P№ C,PeP°PSPёPSC-. РёP°P№PIPёC%P° PePsPSCСђРµPSC,СђР°СђСђ-СђСђ
СђPiPsСђСђ,РµСђC-PiP°C”C,СђСђСђСђ Сђ PSP°РrPSPёСђPePsPIPёC... P·P°P»PsP·P°C...,
PiC-PiPsC„C-P·C-, СђСђ,P°C,РµPIPёC... P·P°P»PsP·P°C..., PjC-PsPeP°СђРrC-.
P—РrРµP±C-P»СђСёPsPiPs P»C-PeP°СђСђСђPePёP№ P·P°СђСђ-P± PIPёPiPsРrPёC,СђСђСђСђ P·
СђРµСђРµСђ, СђP°СђСђ,PePsPiPs вђ” P·P¶PsPIC±Сђ.

РµP»C-PSC-СђPSC- C...P°СђР°PeC,РµСђРёСђСђ,РёPePё.

РµPsPeP°P·P°PSPSCСђ.

P»C-PeP°СђСђСђPePёP№ P·P°СђСђ-P± P·P°СђСђ,PsСђPsPICрСђСђ,Сђ Сђ СђРёP»P°РrC-
PePsPjPiP»РµPёСђPSPsC— C,РµСђР°PiC-Сђ РrP»Сђ PiPsPiРµСђРµРrP¶PµPSPSCСђ
PiPsСђСђСђСђРµPSCСђ РµPjP±СђC-PsPSP°P»СђPSPsPiPs СђPsP·PIPёC,PeCр PiP»PsРrP°,
PIPµPiРµC,P°C,РёPIPSPёC... СђPsP·P»P°РrC-PI P°P±Ps СђPe РrPsPiPsPjC-P¶PSPёP№ P·P°СђСђ-P±
Сђ PiPsСђPjPsPSP°P»СђPSPsPjСђ P»C-PeCрPIP°PSPSC- PiPsСђСђСђСђРµPSCСђ
PjРµPSCСђСђ,СђСђР°P»СђPSPsPiPs СђРёPeP»Сђ.

РђC,СђPsC„C-СђPSC- PiСђPsСђРµСђСђ PI СђР»РёP·PsPIC-P№ PsP±PsP»PsPSCСђСђ-
РrРёC...P°P»СђPSPёC... СёP»СђСђ...C-PI C- C,СђР°PIPSPsC— СђРёСђСђ,РµPjPё.

P—P°СђСђ,PsСђPsPICрСђСђ,Сђ СђPe РrPsPiPsPjC-P¶PSPёP№ P·P°СђСђ-P± PiСђРё
PSPµP№СђPsСђРµPSCСђСђСђPSPёC... СђPsP·P»P°РrP°C... СђPSCр.

РёРµPICСђР°СђСђ,РµPSC-Сђ PiСђРё СђСђ,P°PSP°C..., C%Ps СђСђPiСђPsPiPsРrP¶СђСђ,СђСђСђСђ
PIPёСђPSP°P¶PµPSPSCСђPj, Pjвђ™СђP·PsPIP° РrРёСђСђ,СђPsC„C-Сђ C,P° P°C,СђPsC„C-Сђ
Pjвђ™СђP·C-PI.

Р”РµPiРµPSPµСђР°C,РёPIPSC- C,P° PiСђPsP»C-C„РµСђР°C,РёPIPSC- P·PjC-PSPё Сђ
СђСђPiP»PsP±P°C... C,P° C„C-P±СђPsP·PSC-P№ C,PeP°PSPёPSC- C...СђРµP±C,P° C-
PIPµP»РёPePёC... СђСђPiP»PsP±C-PI; PIC,PsСђРёPSPSP° СђР»P°P±PeC-СђСђ,Сђ Pjвђ™СђP·C-PI
C,P° PjC-PsPiP°C,C-Сђ PiСђРё C...СђPsPSC-СђPSPsPjСђ P°СђC,СђРёC,C-, Pjвђ™СђP·PsPIP°

$\text{Cl}^{\circ}\text{P}\gg\text{P}^{\circ}\text{P}\pm\text{PeC}-\text{Cl}^{\circ}\text{C},\text{CH}\text{ PIPSP}^{\circ}\text{Cl}^{\circ}\text{P}\gg\text{C}-\text{PrPsPe}\text{ C}\ddagger\text{P}^{\circ}\text{Cl}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{C}\dots\text{C}\overline{\text{H}}\text{P}_{\mu}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{Pr}\ddot{\text{e}}\text{PIC}-\text{PI}$
 $\text{PrP}\ddot{\text{e}}\text{Cl}^{\circ}\text{PePsPiP}_{\mu}\text{PSPSP}\ddot{\text{e}}\text{C}\dots\text{P}\pm\text{P}\gg\text{PsPeP}^{\circ}\text{Pr}.$

P—P°CfC,PsCfPsPICrCfC,CH C¶Pe PrPsPiPsJc-P¶PSPëPNë P·P°CfC—P± PiCfJPë PrPµC¶PePëC... PµPSPrPsPeCfJPëPSPSPëC... CfJPSP·P»P°PrP°C... C,P° C¶Pe P»C—PeCfPIP°P»CHfPSPëPNë P·P°CfC—P± Cr PePsPjP±C—PSP°C†C—C— P· PIC—C,P°PjC—PSPSj P¶ PiCfJPë P±PµP·PiP»C—PrPrC—Cr C‡PsP»PsPIC—PeC—PI.

$$\begin{aligned} &P \text{ PsP} \cdot P \gg P^\circ \text{PrP} \ddot{e} \text{ C} \dots P^\circ \text{C} \ddot{h} \text{C} \ddagger \text{C} \ddagger \text{P} \text{IP}^\circ \text{PSPSC} \ddot{\text{U}}, \text{C} \ddagger \text{P} \ddot{e} \text{PSP} \text{rC} \ddot{h} \text{PsPj} \text{ PjP}^\circ \text{P} \gg \text{CH} \text{P}^\circ \text{C} \ddagger \text{PsC} \ddot{h} \text{P} \pm \text{C} \ddagger \text{C} - \text{C} - , \\ &P^\circ \text{P} \gg \text{C} - \text{PjP} \ddot{\mu} \text{PSC}, P^\circ \text{C} \ddot{h} \text{PSP}^\circ \text{ P}^\circ \text{PSP} \ddot{\mu} \text{PjC} - \text{C} \ddot{\text{U}}. \end{aligned}$$

P—P°CÍC,PsCÍPsPICrCÍC,CH CÍ CÍPeP»P°PrC- C,PμCÍP°PíC-C— C...CÍPSPSC-C‡PSPsPiPs
PiPμPíP°C,PëC,CÍ.

P—P°CíC,PsCíPSPICíCíC,CH CíPc PrPsPíPSPjC—PíPSPëPNë P·P°CíC—P± Cí
P»C—PeCíPIP°PSPSC— PrPcCíPcPëC... PíPëPíP°PrPcC—Pí PíP°CíPSPPrPsPSC,PsPíP°C,C—PNë.

$$\begin{aligned} & \text{P}_{\text{H}}\text{P} \gg \text{P}^\circ \text{C} \dot{\text{I}} \text{C}, \text{P} \ddot{\text{C}} \text{C} \ddagger \text{PSP}^\circ \text{C} - \text{PSP} \text{rC} \dot{\text{r}} \text{C} \dot{\text{H}} \text{P}^\circ \text{C} \dot{\text{I}} \text{C} - \text{C} \dot{\text{I}} \text{P} \ddot{\text{I}} \text{P}_{\text{H}} \text{PSC} - \text{C} \dot{\text{I}} \text{P}^\circ, \text{P} \ddot{\text{C}} \text{C} \dot{\text{H}} \text{P}^\circ \text{C} \dot{\text{r}} \text{C} \dot{\text{H}} \text{P}_{\text{S}} \text{P} \cdot \text{P} \dot{\text{I}} \text{C} \dot{\text{r}} \text{P} \gg \text{C} \dot{\text{H}} \text{P} \dot{\text{I}} \text{P} \ddot{\text{e}}, \\ & \text{C} \dot{\text{I}} \dot{\text{P}} \text{P} \text{eP} \gg \text{P}_{\text{H}} \text{C} \dot{\text{H}} \text{P}_{\text{S}} \text{P} \text{rP}_{\text{H}} \text{C} \dot{\text{H}} \text{P}_{\text{J}} \text{C} - \text{C} \dot{\text{I}} \text{P}, \text{P}_{\text{H}} \text{P} \text{eP} \cdot \text{P}_{\text{H}} \text{P}_{\text{J}} \text{P}^\circ, \text{P} \pm \text{P}^\circ \text{P} \gg \text{P}^\circ \text{PSC} - \text{C}, \end{aligned}$$
$$\text{P}-\text{P}^{\circ}\text{C}\dot{\text{I}}\text{C}, \text{PsC}\dot{\text{I}}\text{PsPICrC}\dot{\text{H}}\text{C}, \text{CH}_3\text{C}\dot{\text{I}}\text{C}\dot{\text{I}}\text{PeP}\gg\text{P}^{\circ}\text{PrC}-\text{P}^{\circ}\text{PSC}, \text{P}\ddot{\text{e}}\text{PsPeC}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PrP}^{\circ}\text{PSC}, \text{PSPsC}-\text{C}, \text{PuC}\dot{\text{H}}\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{C}-\text{C}-.$$

PuCᵗPsC,PëPïPsPεP°P·P°PSPSCᵗ.

$\text{PrC-PrPIP}\ddot{\text{e}}\text{C}\%_{\text{0}}\text{P}\mu\text{PSP}^{\circ}\text{C}\ddot{\text{+}}\text{CfC,P}\gg\text{P}\ddot{\text{e}}\text{PIC-Cl}\dot{\text{C}},\text{CH}\text{PrPsPrC-CHC}\ddot{\text{+}}\text{PsC-CH}\text{P}\mu\text{C}\ddot{\text{+}}\text{PsPIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{C,P}^{\circ}$
 $\text{PrPsP}\pm\text{CfPrCH}\ddot{\text{+}}\text{C}\ddot{\text{+}}\text{PeP}\ddot{\text{e}}\text{C}\dots\text{PePsPjP}\ddot{\text{e}}\text{PsPSP}\mu\text{PSC,C-PIP}\gg\text{C-PeP}^{\circ}\text{CHCl}\dot{\text{C}}\text{CH}\ddot{\text{+}}\text{PePsPiPsP}\cdot\text{P}^{\circ}\text{Cl}\dot{\text{C}}\text{PsP}\pm\text{Cf};$
 $\text{PeP}^{\circ}\text{CHPrC-PsCl}\dot{\text{C}}\text{Pe}\gg\text{P}\mu\text{CHPsP}\cdot;\text{PiPsCl}\dot{\text{C}},\text{CHP}\ddot{\text{e}}\text{PN}\ddot{\text{e}}\text{PiP}\mu\text{CHC-PsPrC-PSC},\text{P}^{\circ}\text{CHPeC,Cf}$
 $\text{PjC-PsPeP}^{\circ}\text{CHPrP}^{\circ};\text{C,P}\ddot{\text{e}}\text{CHP}\mu\text{PsC,PsPeCl}\dot{\text{C}}\text{P}\ddot{\text{e}}\text{PePsP}\cdot;\text{PiC-PiP}\mu\text{CHPIC-C,P}^{\circ}\text{PjC-PSPSP}\cdot\text{P}\cdot;$
 $\text{PiC-PrPIP}\ddot{\text{e}}\text{C}\%_{\text{0}}\text{P}\mu\text{PSP}^{\circ}\text{C}\ddot{\text{+}}\text{CfC,P}\gg\text{P}\ddot{\text{e}}\text{PIC-Cl}\dot{\text{C}},\text{CH}\text{PrPsP}^{\circ}\text{CHP}^{\circ}\text{C}\dots\text{C-Cl}\dot{\text{C}}\text{P}^{\circ}\text{P}\pm\text{PsCl}\dot{\text{C}}\text{PsC-}.$
 $\text{P}''\text{P}\ddot{\text{e}}\text{C,C}\ddot{\text{+}}\text{C}\ddot{\text{+}}\text{P}\ddot{\text{e}}\text{PN}\ddot{\text{e}}\text{PIC-PePrPs12CHPsPeC-PI}.$

$P^{\circ}P^{\circ}C^{\circ}P_jP_sP_rC-C\Pi P^{\circ}C-PSC\epsilon P\ddot{e}P_jP\ddot{e}P\gg C-P\epsilon^{\circ}C\zeta C\acute{I}C\grave{H}P\epsilon P\ddot{e}P_jP\ddot{e}P^{\circ}P^{\circ}C\acute{I}P_sP_{\pm}P^{\circ}P_jP\ddot{e}C,P^{\circ}C-PSC\epsilon C-PIP\ddot{e}P_rP\ddot{e}PIP^{\circ}P^{\circ}C^{\circ}P_jP_sP_rC-PN_2.$

P—P°P»C—P·Ps P·P±C—P»CHC€CfC” PrPsP±PsPICf PiPsC,CḡPµP±Cf Cf PIC—C,P°PjC—PSC— P•.
P’C—PrPsPjPs, C%Ps PIC—C,P°PjC—PS P• P·P±C—P»CHC€CfC” CfC...PëP»CHbPSC—CfC,CH PrPs
PeCḡPsPIPSc,PµC±C— Cf PiP°C†C—C”PSC,C—PI P· PSPµCfC,P°C±PµCḡ PIC—C,P°PjC—PSCf K P°P±Ps
C,PëC..., C...C,Ps PiCḡPëPNëPjP°C” P°PSC,PëPePsP°PiCfP»CḡPSC,Pë, C,PsPjCf
CḡPµPePsPjPµPSPrCfC”C,CHCfCḡ PePsPSC,CḡPsP»CḡPIP°C,Pë
PiCḡPsC,CḡPsPjP±C—PSPsPIPëPNë C±P°Cf C— PjC—PḡPSP°CḡPsPrPSPµ
PSPsCḡPjP°P»C—P·PsPIP°PSPµ PIC—PrPSPsC€PµPSPSCḡ (PḡPḡP’) PrP»Cḡ C,PsPiPs,
C%PsP± PIPëCḡPIPëC,Pë PICfC— P·PjC—PSPë Cf PiPµPjPsCfC,P°P·C—. PḡPsPḡPµ
P±CfC,Pë PiPsC,CḡC—P±PSPµ PePsCḡPëPiCfPIP°PSPSCḡ PrPsP·Pë
P°PSC,PëPePsP°PiCfP»CḡPSC,C—PI PiC—Pr C±P°Cf C— PiC—CfP»Cḡ P»C—PeCfPIP°PSPSCḡ
PIC—C,P°PjC—PSPsPj P•.

$$P^{\circ}C-C, P^{\circ}PjC-PS \quad P \cdot P \cdot P \pm C-P \gg CH_3C \equiv C r^{\circ}C^{\circ} \quad C_7H_5P \cdot P \cdot P \cdot P \cdot C \quad C, C_7H_5PjPjP \pm PjP \cdot C r^{\circ} \quad C r^{\circ} \quad PjP^{\circ}C \uparrow C-C^{\circ}PSC, C-PI,$$

P C-PrPePs Cl'PiPsCl'C,PμCḤC-PiP°CḤC,CHCl'Cl Π PeCḤPμP°C,PēPSCr'CḤC-Cl Π,
PiC-PrPIPeC%oPμPSPSCΠ P°PeC,PēPIPSPsCl'C,C- PeCḤPμP°C,PēPSPeC-PSP°P·Pē,
PiC-PrPIPeC%oPμPSPSCΠ PePsPSC†PμPSC,CḤP°C†C-C— C...PsP»PμCl'C,PμCḤPēPSCr',
C,CḤPsPjP±PsC,,P»PμP±C-,, C,CḤPsPjP±PsPμPjP±PsP»C-Cl Π P»PμPiPμPSPμPIPsC—
P°CḤC,PμCḤC-C— C,P° C,CḤPsPjP±PsP· Cr PiP°C†C-C"°PSC,C-PI, Cl'C...PēP»CHPSPēC... PrPs
C†CHPsPiPs. PμCḤPē P±CrP»CHP±CrP»CHPsP·PSPsPjCr PμPiC-PrPμCḤPjPsP»C-P-C- Cr

PjC-ClCtClC..., ClCtP°P¶PµPSPëC... P°P»PsPµCtC-C"CH, PjPsP¶Pµ PµPsCtP°C,Pë CtPsClC,Pë PIPsP»PsClCtCl P±C-P»PsPiPs PePsP»CHPsCtCr.

PkPµPsP±C...C-PrPSPs PrPsC,CtPëPjCrPIP°C,PëClCt PµPsP·CrPIP°PSPSCt C,P° C,CtPëPIP°P»PsClC,C- PeCrCtClCr P»C-PeCrPIP°PSPSCt, PµCtPëP·PSP°CtPµPSPëC... P»C-PeP°CtPµPj, PrP»Cl P·P°PiPsP±C-PiP°PSPSCt PµCtPµPrPsP·CrPIP°PSPSCt C,P° PIPëPSPëPePSPµPSPSCt PiC-PµCtPIC-C,P°PjC-PSPsP·Cr P•.

P>C-PeP°CtClCHPePëPµ P·P°ClC-P± PjC-ClC,PëC,CH ClPsC"PICr PsP»C-CH. PµP°CtC-C"PSC,Pë, Cl ClPePëC... C" P°P»PµCtPiC-Cl PSP° P°CtP°C...C-Cl P°P±Ps ClPsCH, PSPµ PµPsPIPëPSPSC- P·P°ClC,PsClPsPICrPIP°C,Pë CtPµPµ P>C-PeP°CtClCHPePëPµ P·P°ClC-P±.

P—P°ClC,PsClCtPIP°PSPSCt Cž PµCtC-PsPr PIP°PiC-C,PSPsClC,C- P°P±Ps P·P°ClC,PsClCtPIP°PSPSCt PiCtCtPrPrCH.

P>C-PeP°CtClCHPePëPµ P·P°ClC-P± PjPsP¶PSP° P·P°ClC,PsClPsPICrPIP°C,Pë PiC-Pr PePsPSC,CtPsP»PµPj P»C-PeP°CtCl Cr CtPµPePsPjPµPSPPrPsPIP°PSPëC... PrPsP·P°C... PiCtPsC,ClPiPsPj PµCtC-PsPrCr PIP°PiC-C,PSPsClC,C- P°P±Ps PiPsPrCrPIP°PSPSCt PiCtCrPrPrCH.

PµCtPµPiP°CtP°C, CtP°ClC,PePsPIPs PiCtPsPSPëPeP°C" PeCtC-P·CH PµP»P°CtPµPSC,P°CtPSPëPµ P±P°CtPµC" C"CH; PIC-C,P°PjC-PS P• PiPsC,CtP°PiP»ClC" PI PsCtPiP°PSC-P·Pj PiP»PsPrP°, PrPµ PµPsPiPs PeC-P»CHPeC-ClC,CH ClC,P°PSPsPIPëC,CH 20Bt"30 % PIC-Pr PePsPSCtPµPSC,CtP°CtC-C— PIC-C,P°PjC-PSCr P• Cr PiP»P°P·PjC-PeCtPsPIC- PjP°C,PµCtC-.

P'C-C,P°PjC-PS P• PiCtPsPSPëPeP°C" Cl PiCtCrPrPSPµ PjPsP»PsPePs.

P—PrP°C,PSC-ClC,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-ClC,CH CtPµP°PeCtC-C— PiCtPë PePµCtCtPIP°PSPSC- P°PIC,PsC,CtP°PSCtPiPsCtC,PsPj P°P±Ps C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PµCtPë P·P°ClC,PsClCrPIP°PSPSC- P»C-PeP°CtClCHPePsPiPs P·P°ClPsP±Cr PjPsP¶P»PëPIPµ PIPëPSPëPePSPµPSPSCt C,P°PePëC... PiPsP±C-CtPSPëC... CtPµP°PeCtC-Pµ, ClPe P·PsCtPsPIC- CtPsP·P»P°PrPë C,P° P·P°PiP°PjPsCtPsCtPµPSPSCt. Pj C,P°PePëC... PIPëPiP°PrPeP°C... PSPµPsP±C...C-PrPSPs CrC,CtPëPjCrPIP°C,PëClCt PIC-Pr PePµCtCrPIP°PSPSCt P°PIC,PsC,CtP°PSCtPiPsCtC,PsPj P°P±Ps C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PYPiPsClC-P± P·P°ClC,PsClCtPIP°PSPSCt C,P° PrPsP·Pë.

P'C-C,P°PjC-PS P• PiCtPëPµPjP°C,Pë PICrPµCtPµPrPëPSCr PiC-ClP»Cl C—PrPë. P"PsP·Cr PiC-PrP±PëCtP°C,Pë C-PSPPrPëPIC-PrCrP°P»CHPSPs, P·P°P»PµP¶PSPs PIC-Pr PIPëPrCr P·P°C...PIPsCtCtPIP°PSPSCt, PµCtPµP±C-PiCr C...PIPsCtPsP±Pë, ClC,P°PSCr PiP°CtC-C"PSC,P° C,P° PIC-PeCr PrPëC,PëPSPë PiC-ClP»Cl PePsPSCtCrP»CHC,P°CtC-C— P»C-PeP°CtCl. P"»Cl PrPsClCtPiPSPµPSPSCt PiCtPëP·PSP°CtPµPSPsC— PrPsP·Pë

СГР»С-Рr P·P°CГC,PsCГPcPICrPIP°C,Pe PиCГPμPиP°CГP°C, CГ PIC-PrPиPsPIC-PrPSPsPjCГ
PrPsP·CГPIP°PSPSC-. PμP°PиCГCГP»CГ CГP»C-Pr PePsPIC,P°C,Pe CГC-P»PsCГ,
P·P°PиPиPIP°CГCГPe PrPsCГC,P°C,PSCHPsCГ PeC-P»CHPeC-CГC,CГ PIPsPrPe.

P”PsP·CГPIP°PSPSCЦ PrP»CЦ PrPsCГPsCГP»PeC....:

PμCГPe PиPsCГCГC€PμPSPSCЦC... PjPμPSCГC,CГCГP°P»CHPSPsPiPs CГPePeP»CГ (CЦPe
PrPsPиPsPjC-P¶PSPePNμ P·P°CГC-P± CГ CГPeP»P°PrC- PиPsC,PsCГPSPSC—
PiPsCГPjPsPSP°P»CHPSPSC— C,PμCГP°PиC-C—): 300BГ”400 PμPh CГPμCГPμP· PrPμPSCГ,
PиPsPIC,PsCГCГCГCГPe 5 CГP°P·C-PI PиPsCГPиC-P»CH, PиPsCГPePSP°CГCГPe P· 17-PиPs PrPSCЦ
CГPePeP»CГ.

PμCГPe CГPsP·P»P°PrP°C... PjPμPSCГC,CГCГP°P»CHPSPsPiPs CГPePeP»CГ CГ PjPsP»PsPrPeC...
PrC-PICГP°C,, PrPs PиPsCГP°C,PeCГ PiPsCГPjPsPSP°P»CHPSPSC— C,PμCГP°PиC-C—: 100 PμPh
1BГ”2 CГP°P·Pe PSP° PrPsP±CГ PиCГPsC,CЦPiPsPj 2BГ”3 PjC-CГCЦCГC-PI.

P”P»CЦ PиPsPиPμCГPμPrP¶PμPSPSCЦ PиPsCГCГC€PμPSCГ PμPjP±CГC-PsPSP°P»CHPSPsPiPs
CГPsP·PIPeC,PeCГ PиP»PsPrP°: PиPs 100BГ”200 PμPh 1 CГP°P· PSP° PrPsP±CГ CГ PГ
C,CГPePjPμCГC,CГC- PIP°PиC-C,PSPsCГC,C-.

PμCГPe CГPμPIPjP°C,PsP»PsPiC-CГPSPeC... P·P°C...PIPсCГCГPIP°PSPSCЦC....: 100BГ”300 PμPh
C%oPsPrPμPSPSPs PиCГPsC,CЦPiPsPj PrPμPeC-P»CHPePsC... C,PeP¶PSC-PI.

PμPμPICГP°CГC,PμPSC-CЦ PиCГPe CГC,P°PSP°C..., C%oPs CГCГPиCГPsPIPсPrP¶CГCГC,CHCГCЦ
PIPeCГPSP°P¶PμPSPSCЦPj: 100 PμPh PSP° PrPsP±CГ.

PμCГPe PjBГ”™ CЦP·PsPIPeC... PrPeCГC,CГPsC,,C-CЦC....: PиPs 100 PμPh 1BГ”2 CГP°P·Pe PSP°
PrPsP±CГ PиCГPsC,CЦPiPsPj 30BГ”60 PrPSC-PI, PиPsPIC,PsCГPSPePNμ PeCГCГCГ BГ”
CГPμCГPμP· 2BГ”3 PjC-CГCЦCГC-.

PμCГPe CГCГPrPePSPSPeC... P·P°C...PIPсCГCГPIP°PSPSCЦC....: 100 PμPh PSP° PrPsP±CГ.

PμCГPe PμPSPPrPsPeCГPePSPSPeC... P·P°C...PIPсCГCГPIP°PSPSCЦC....: 300BГ”500 PμPh PSP°
PrPsP±CГ.

PμCГPe P°P»C-PjPμPSC,P°CГPSC-PNμ P°PSPμPjC-C—: 300 PμPh PSP° PrPsP±CГ
PиCГPsC,CЦPiPsPj 10 PrPSC-PI.

PμCГPe C...CГPsPSC-CГPSPeC... P°PeC,PePIPSPeC... PiPμPиP°C,PeC,P°C....: 300 PμPh PSP°
PrPsP±CГ PиCГPsC,CЦPiPsPj C,CГPePIP°P»PsPiPs PиPμCГC-PsPrCГ.

PμCГPe PиP°CГP°PrPsPSC,PsPиP°C,C-CЦC....: 200BГ”300 PμPh PSP° PrPsP±CГ.

PμCГPe PиP»P°CГC,PeCГPSC-PNμ C-PSPrCГCГP°CГC-C— PиPμPSC-CГP°: 300BГ”400 PμPh PSP°
PrPsP±CГ PиCГPsC,CЦPiPsPj PrPμPeC-P»CHPePsC... C,PeP¶PSC-PI, PиPsC,C-Pj P·P°
PиCГPeP·PSP°CГPμPSPSCЦPj P»C-PeP°CГCЦ.

PμCГPe C-PSC€PeC... PrPμCГPjP°C,PsP»PsPiC-CГPSPeC... P·P°C...PIPсCГCГPIP°PSPSCЦC....:
100BГ”200 PμPh (P°P±Ps P±C-P»CHC€Pμ) PSP° PrPsP±CГ, PrPsP·Pe C,P°
C,CГPePIP°P»C-CГC,CH P»C-PeCГPIP°PSPSCЦ PиPeP·PSP°CГP°C” P»C-PeP°CГ.

Pj CГPeP»P°PrC- P°PSC,PePsPeCГPePrP°PSC,PSPSC— C,PμCГP°PиC-C—: 200BГ”400 PμPh 1BГ”2
CГP°P·Pe PSP° PrPsP±CГ.

P' C-PSC€PëC... PIPëPïP°PrPeP°C... PrPsP·Pë C,P° C,CTHPëPIP°P»C-CTC,CH
P»C-PeCíPIP°PSPSCII PIPëP·PSP°C‡P°C" P»C-PeP°CTH.

P"»CII PrPsCTHPsCíP»PëC... CTHP°P·PsPIP° CíPµCTHPµPrPSCII PrPsP·P° CíC,P°PSPsPIPëC,CH
100 PµPh, PSP°PNëPIPëC%P° CTHP°P·PsPIP° PrPsP·P° BTH" 400 PµPh; CíPµCTHPµPrPSCII
PrPsP±PsPIP° PrPsP·P° CíC,P°PSPsPIPëC,CH 200 PµPh, PSP°PNëPIPëC%P° PrPsP±PsPIP°
PrPsP·P° BTH" 1000 PµPh.

P"C-C,Pë.

P>C-PeP°CTHCíCHPePëPNë P·P°CTC-P± PíCTHPsC,PëPíPsPeP°P·P°PSPëPNë PrC-C,CIIpj PIC-PePsPj
PrPs 12 CTHPsPeC-PI.

PµPµCTHPµPrPsP·C¿PIP°PSPSCII.

PŸPëPjPiC,PsPjPë. PµCTHPë PíCTHPëPNëPsPjC- PIPëCTPsPePëC... PrPsP· PIC-C,P°PjC-PSCr P·
(400BTH"800 PµPh PSP° PrPsP±Cí PíCTHPsC,CIIpiPsPj C,CTHPëPIP°P»PsPiPs C‡P°CTCí)
PjPsP¶P»PëPIC- P·PsCTHPsPIC- CTHPsP·P»P°PrPë, PrC-P°CTHPµCII, P·P°PïP°PjPsCTHPsC‡PµPSPSCII,
PiPsP»PsPIPSPëPNë P±C-P»CH, PSCrPrPsC,P° P°P±Ps CíPïP°P·PjPë Cí P¶PëPIPsC,C-, PrCíP¶Pµ
CíPëP»CHPSP° PIC,PsPjP»CTHIP°PSC-CTC,CH P°P±Ps CíP»P°P±PeC-CTC,CH.

P"CíP¶Pµ PIPëCTPsPeC- PrPsP·Pë (PíPsPSP°Pr 800 PµPh PíCTHPsC,CIIpiPsPj C,CTHPëPIP°P»PsPiPs
C‡P°CTCí) PjPsP¶CíC,CH PíCTHPsPIPsPeCíPIP°C,Pë PeCTHPsPIPsC,PµC‡C- Cí PïP°C‡C-C"PSC,C-PI
P· PrPµC,,C-C‡PëC,PsPj PIC-C,P°PjC-PSCr K; PIPsPSPë PjPsP¶CíC,CH
PíPsCTHCíC€CíPIP°C,Pë PjPµC,P°P±PsP»C-P·Pj PiPsCTHPjPsPSC-PI
C%PëC,PsPIPëPrPSPsC— P·P°P»PsP·Pë C,P° P·P±C-P»CHC€CíPIP°C,Pë CTHPëP·PëPe
PIPëPSPëPePSPµPSPSCII C,CTHPsPjP±PsC,,P»PµP±C-C,Cí C,P°
C,CTHPsPjP±PsPµPjP±PsP»C-C— Cí C‡CíC,P»PëPIPëC... PïP°C‡C-C"PSC,C-PI.
PµPsP¶P»PëPIPµ PíC-PrPIPëC%PµPSPSCII P°PeC,PëPIPsPSCíC,C-
PeCTHPµP°C,PëPSC-PSPeC-PSP°P·Pë, P·P±C-P»CHC€PµPSPSCII
PePsPSC‡PµPSC,CTHP°C‡C-C— C...PsP»PµCTC,PµCTHPëPSCr,
C,CTHPëPiP»C-C‡PµCTHPëPrC-PI Cí CíPëCTHPsPIP°C,C‡C- PeCTHPsPIC-,
P·P±C-P»CHC€PµPSPSCII PIPjC-CíC,Cí PµCTC,CTHPsPiPµPSC-PI C,P°
P°PSPrCTHPsPiPµPSC-PI Cí CíPµC‡C-.

P>C-PeC¿PIP°PSPSCII PïPµCTHPµPrPsP·CíPIP°PSPSCII PíPsP»CIIpiP°C" Cí PIPëPIPµPrPµPSPSC-
PIC-C,P°PjC-PSCr P· P· PsCTHPiP°PSC-P·PjCí C,P° PíCTHPsPIPµPrPµPSPSC-
CíPëPjPiC,PsPjP°C,PëC‡PSPsC— C,PµCTHP°PíC-C—.

PµPsP±C-C‡PSC- CTHPµP°PeC‡C-C—.

PµCTHPë PrPsC,CTHPëPjP°PSPSC- CTHPµPePsPjPµPSPrPsPIP°PSPëC... PrPsP· PíPsP±C-C‡PSC-

PJ PSP°PIPμPrPμPSC-PNε PSPëP¶C†Pμ C,P°P±P»PëC†C- Pïc-PrCíCíPjPsPIP°PSC- PrP°PSC- C%oPsPrPs PìPsP±C-C†PSPëC... PμC,,PμPeC,C-PI C,PsPePsC,,PμC¶PSP»Cí, C¶PeC- C¶PSP·PìPsPrC-P»PμPSC- PSP° PiC¶CíPìPë PIC-PrPìPsPIC-PrPSPs PrPs C,PμC¶PjC-PSPSP»PsPiC-C— MedDRA [P¶PμPrPëC†PSPëPNε CíP»PsPIPSPëPe PrP»C¶ C¶PμPiCíP»C¶IC,PsC¶PSPsC— PrC-C¶P»C¶PSPsCíC,C-] C-P·P·P°P·PSP°C†PμPSPSC¶Pj C†P°CíC,PsC,Pë C—C...PSC¶PsPiPs PIPëPSPëPePSPμPSPSC¶: PrCíP¶Pμ C†P°CíC,Ps (≥ 1/10), C†P°CíC,Ps (≥ 1/100 PrPs < 1/10), PSPμC†P°CíC,Ps (≥ 1/1000 PrPs < 1/100), C¶C-PrPePs (≥ 1/10 000 PrPs < 1/1000), PrCíP¶Pμ C¶C-PrPePs (< 1/10 000), C†P°CíC,PsC,P° PSPμPIC-PrPsPjP° (PSPμPjPsP¶P»PëPIPs PIPëP·PSP°C†PëC,Pë P·P° PSP°C¶PIPSPëPjPë PrP°PSPëPjPë).

PŸPëCfC, PµPjP° PsCĤPiP°PSC-PI	PŞP°CfC, PsC, P°	PµPsP±C-C†PSP° CĤPµP°PeC†C-CŹ
P— P±PsPeCf PeCĤPsPIPsC, PIPsCĤPSPsC— CfPëCfC, PµPjPë	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	PiC-PiPsC, CĤPsPjP±C-PSPµPjC-CŹ*
P— P±PsPeCf PSPµCĤPIPsPIPsC— CfPëCfC, PµPjPë	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	P·PsCĤPsPIC- CĤPsP·P»P°PrPë*, P·P°PiP°PjPsCĤPsC†PµPSPSCŹ*, PiPsP»PsPIPSPëPNë P±C-P»CH*
P°C-PrC...PëP»PµPSPSCŹ P»P°P±PsCĤP°C, PsCĤPSPëC... PiPsPeP°P·PSPëPeC-PI	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	PeCĤPµP°C, PëPSCfCĤC-CŹ*
P— P±PsPeCf CëP»CfPSPePsPIPs- PePëCëPePsPIPsPiPs C, CĤP°PeC, Cf	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	CĤPsP·P»P°PrPë C, CĤP°PIP»PµPSPSCŹ*, PSCfPrPsC, P°, CĤPsP·PIPëC, PsPe CëP»CfPSPePsPIPs- PePëCëPePsPIPëC... PeCĤPsPIPsC, PµC†*, PrC-P°CĤPµCŹ*, P±C-P»CH Cf CëP»CfPSPeCf*
P— P±PsPeCf PiPµPiP°C, PsP±C-P»C-P°CĤPSPsC— CfPëCfC, PµPjPë	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	P·P±C-P»CHCëPµPSPSCŹ PiPµC†C-PSPePë*
P—P°PiP°P»CHPSC- CĤPsP·P»P°PrPë C, P° CĤPµP°PeC†C-C— PI PjC-CfC†C- PIPIPµPrPµPSPSCŹ PiCĤPµPiP°CĤP°C, Cf	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	PiC-PrPIPëC%PµPSP° PIC, PsPjP»CĤPIP°PSC-CfC, CH*, CfP»P°P±PeC-CfC, CH*
PĥP»PµCĤPiC-C†PSC- CĤPµP°PeC†C-C—	C†P°CfC, PsC, P° PSPµPIC-PrPsPjP°	P°P»PµCĤPiC-C†PSC- CĤPµP°PeC†C-C—, PIPeP»CĤC†P°CĤC†Pë CëPeC-CĤPSC- PIPëCfPëPiPë, CfPIPIPµCĤP±C-P¶, PiPsC†PµCĤPIPsPSC-PSPSCŹ CëPeC-CĤPë C, P° PiC-PrPIPëC%PµPSPSCŹ C, PµPjPiPµCĤP°C, CfCĤPë

P>C-PeP°C₇C₇CH₃PePëPn₂ P·P°C₇C-P± PjC-C₇C,PëC,CH₃ PsP»C-C₇ C₇PsC"PICr, C%₀₀Ps PjPsP¶Pµ
C₇PiC₇PëC±PëPSPëC,Pë P°P»PµC₇PiC-C±PSC- C₇PµP°PeC†C-C—.

[illegible]

P—P°PIPSPr 2, 515/1 P_HPsPs 4, P_YPsC- 8, P'P_μPSPiPiC_r P†PSPrP°C_fC,C_TC-P_μP» P†C_fC,P_μPN₂C,, P_μP°C,C,P°PSP° 3 P PsC_rPr, P_αC_TP°C"PeC_fP°, P_HC_rC-PSPi, 10280 P_YP°P_jC_rC,PiC_TP°PeP°C_TPS, P_YP°C—P»P°PSPr / Plant 2, 515/1 Moo 4, Soi 8, Bangpoo Industrial Estate, Pattana 3 Road, Phraeksa, Mueang, Samutprakarn 10280, Thailand.

