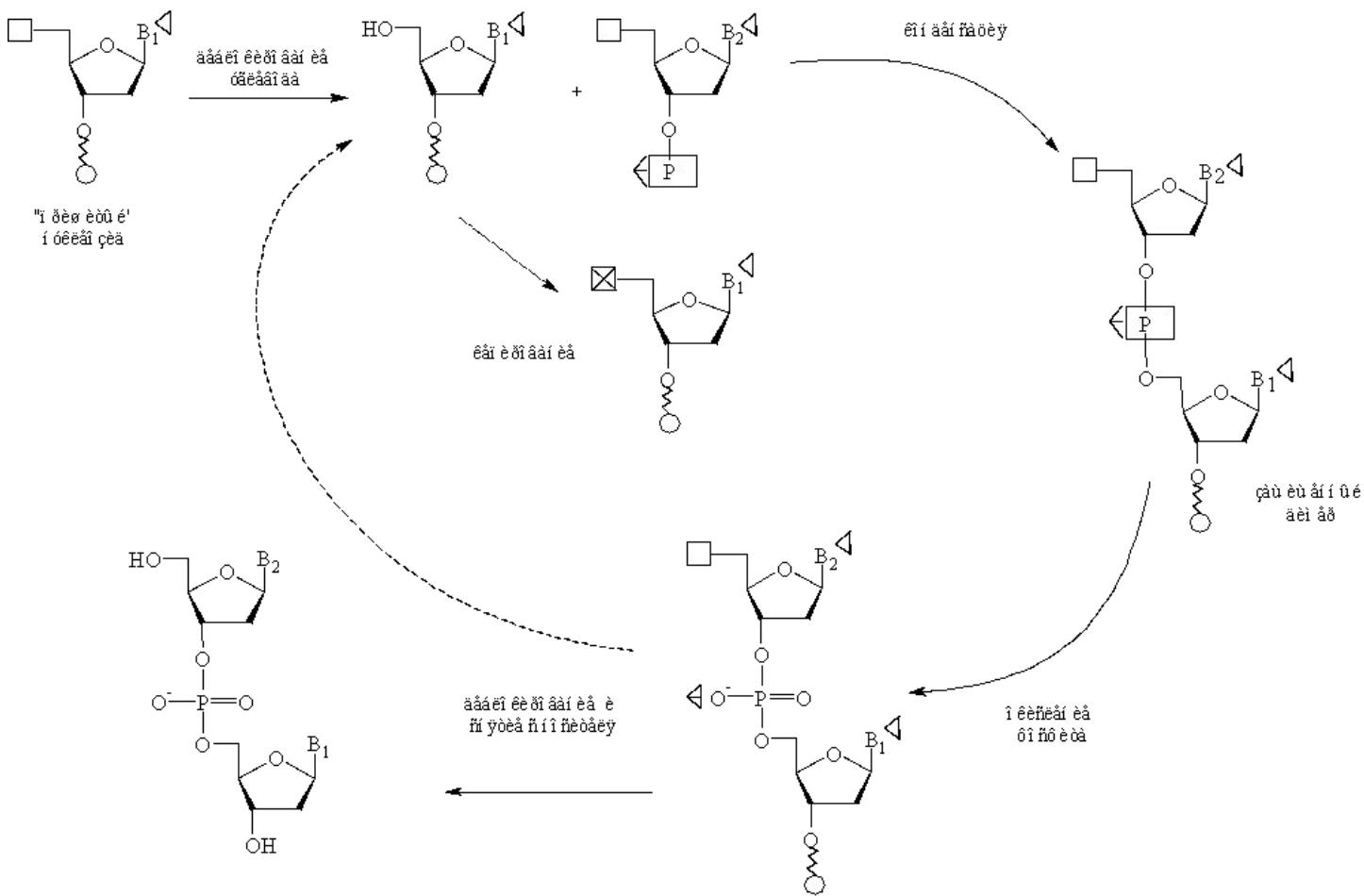
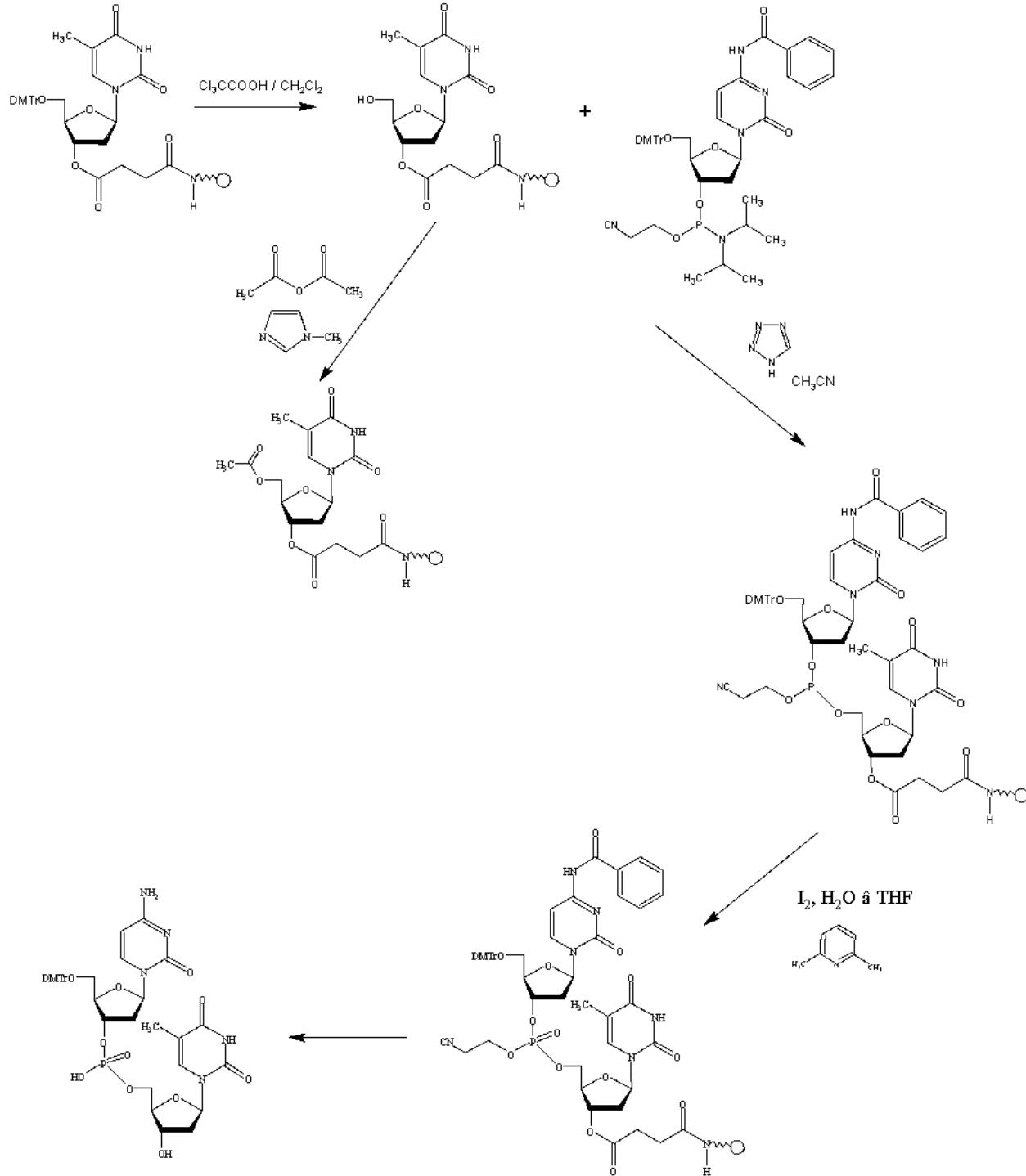


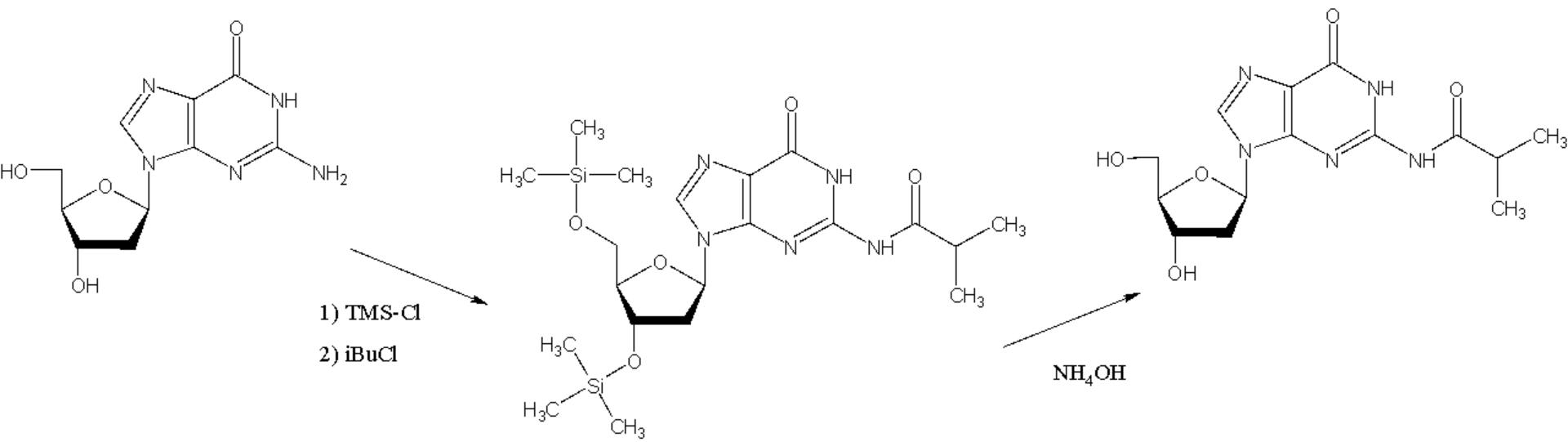
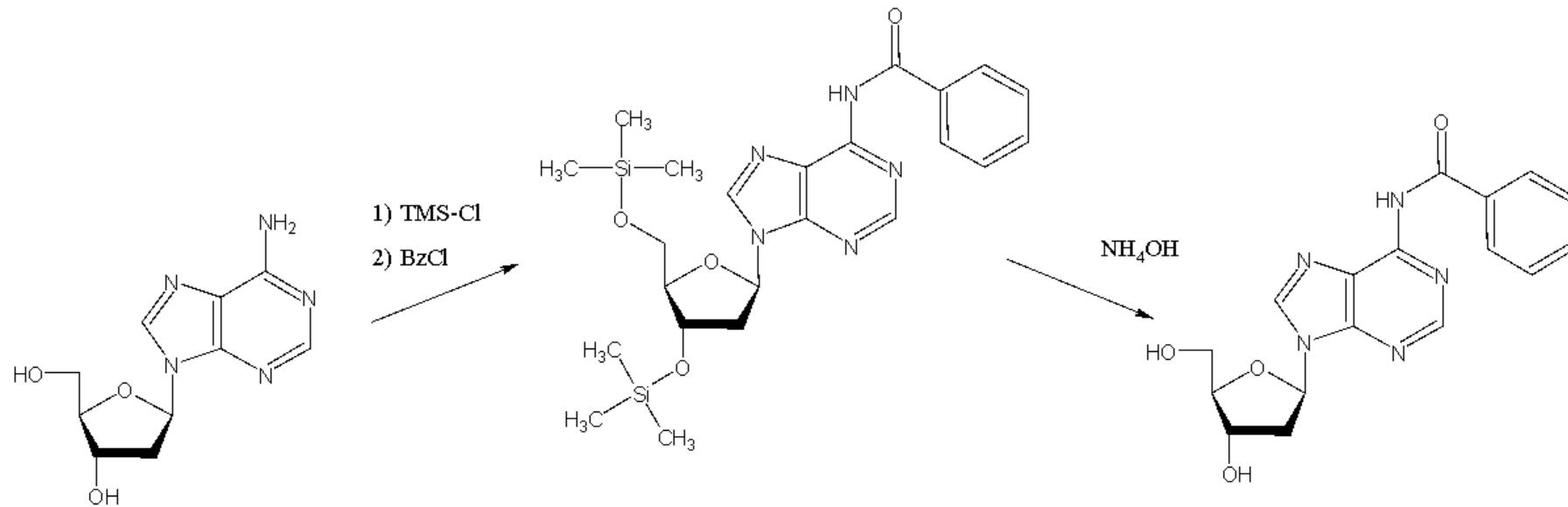
# Олигонуклеотидный синтез

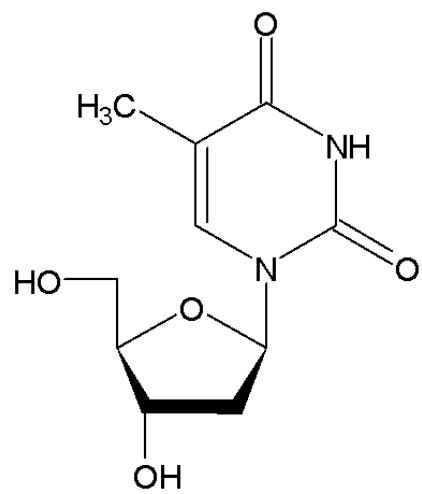


- - çâù èòí àý ãðði i à óâæââi àà
- - éâi è ði ââi i àý ãðði i à ðâæââi àà
- △ - çâù èòí àý ãðði i à i ñi iââi èý
- ◀ - çâù èòí àý ãðði i à ñiñði ðà

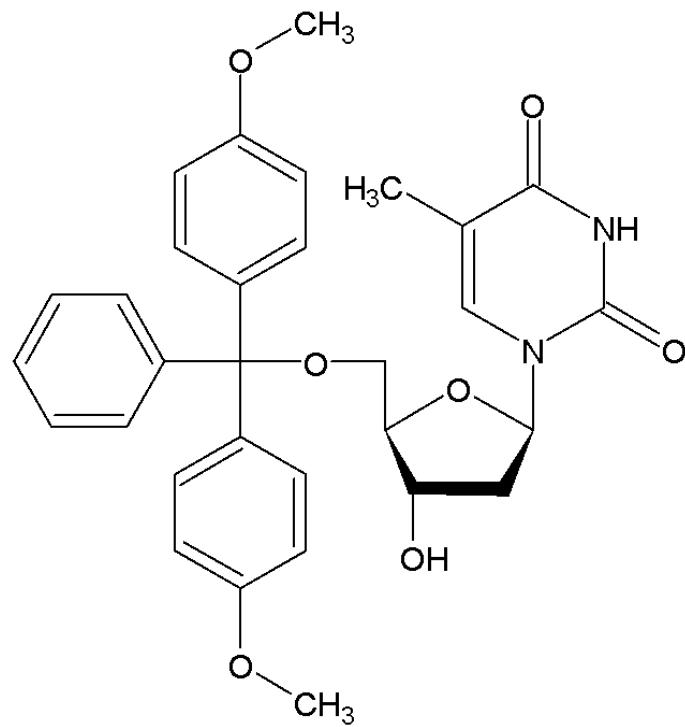
Nôâi à ñéí ñâçà i èèâi i óêeâi òe àà.

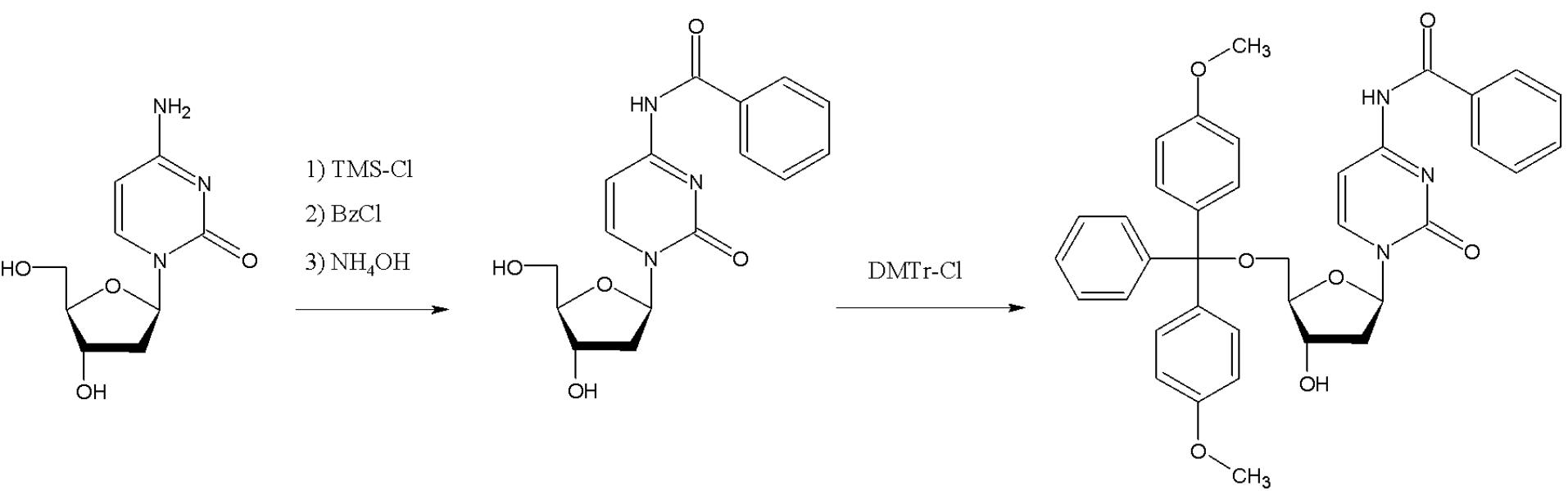




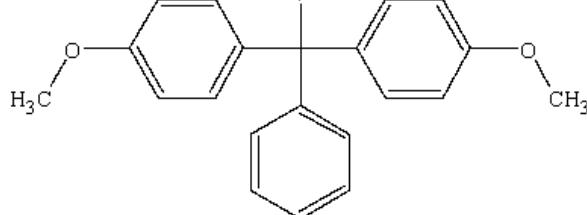


DMTr-Cl

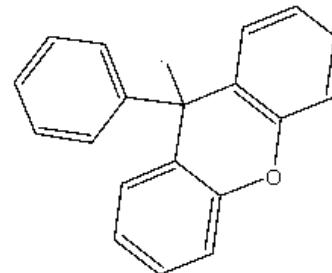




×àñoi èñii i êüçóâi û å çàù èòi û å åðói i û äëÿ 5'-äèäðî êñèëüí i é åðói i û.

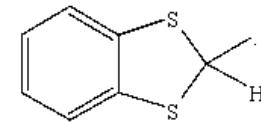
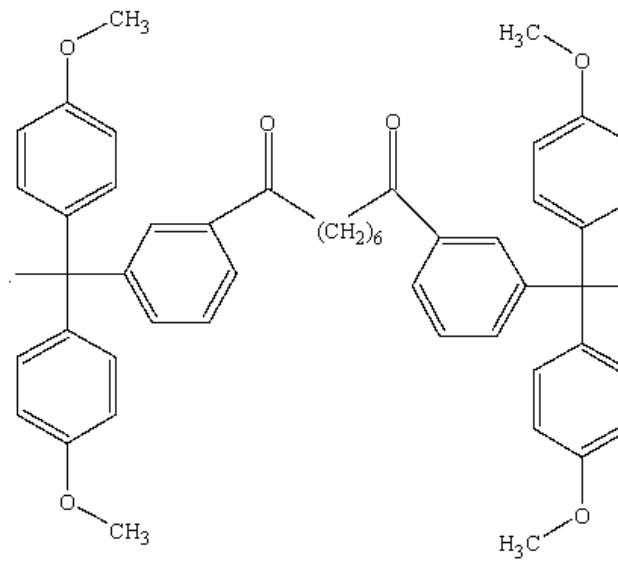
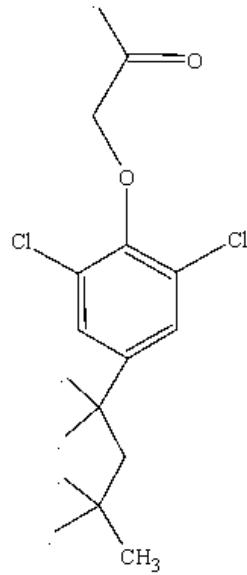
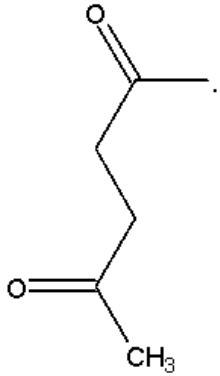


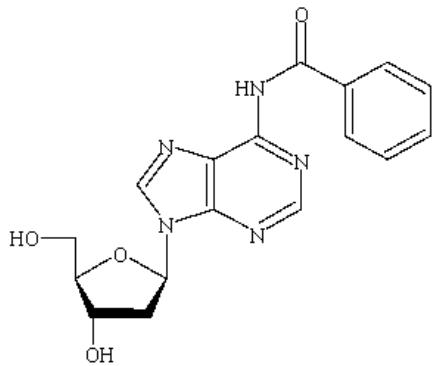
DMTr



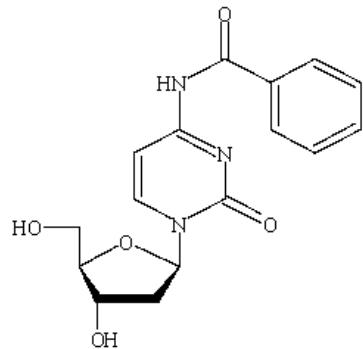
Px

Í åêî ñi ðûå ðåäéi èñii i êüçóâi û å çàù èòi û å åðói i û äëÿ 5'-äèäðî êñèëüí i é åðói i û.

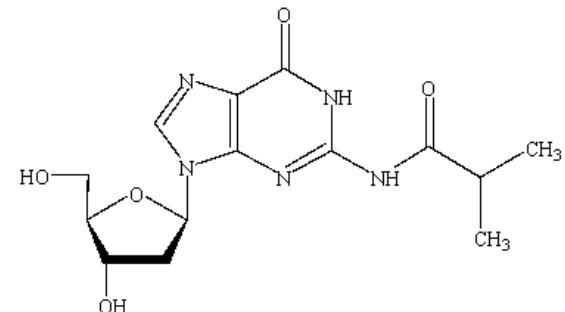




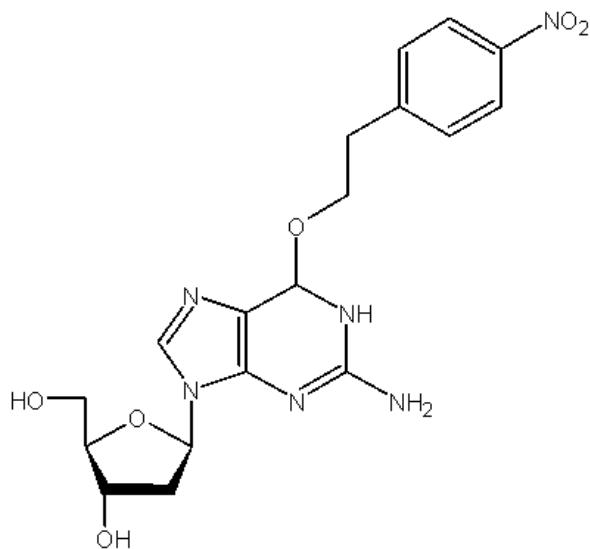
$N^6$ -áái çî èëääçî êñèàääí í çéí



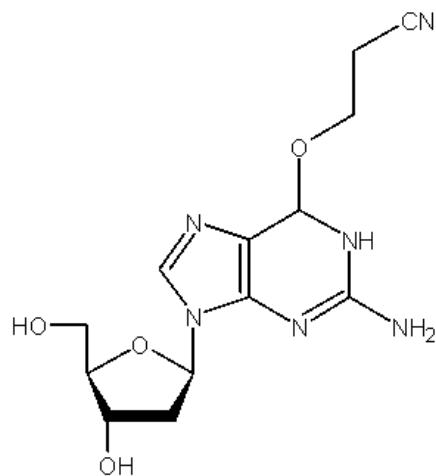
$N^4$ -áái çî èëääçî êñè öèòèäéí



$N^2$ -è çî áóòèðèëääçî êñèãóáí èäéí

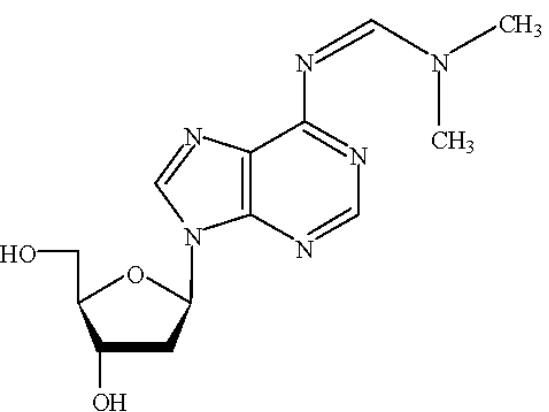


$O^6$ -í èòðí ôái èëýòèëääçî êñèãóáí èäéí

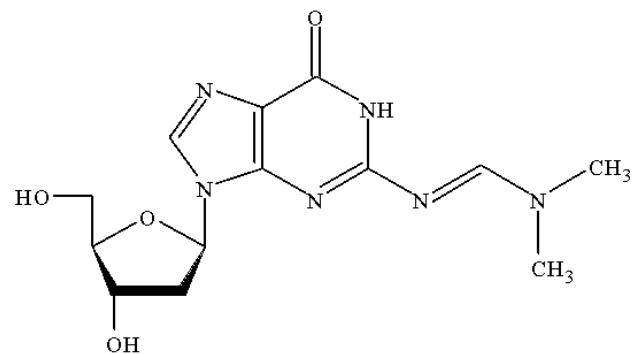


$O^6$ -öèäí í ýòèëääçî êñèãóáí èäéí

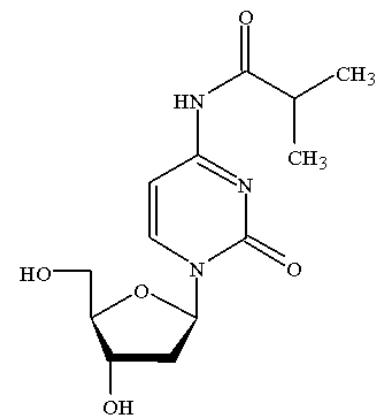
Çàù èòí û á ãðóí í û í m í àáí èé.



N<sup>6</sup>-äèì åòèëôî ðì àì èääèí -  
ääçî êñèàääáí î çèí

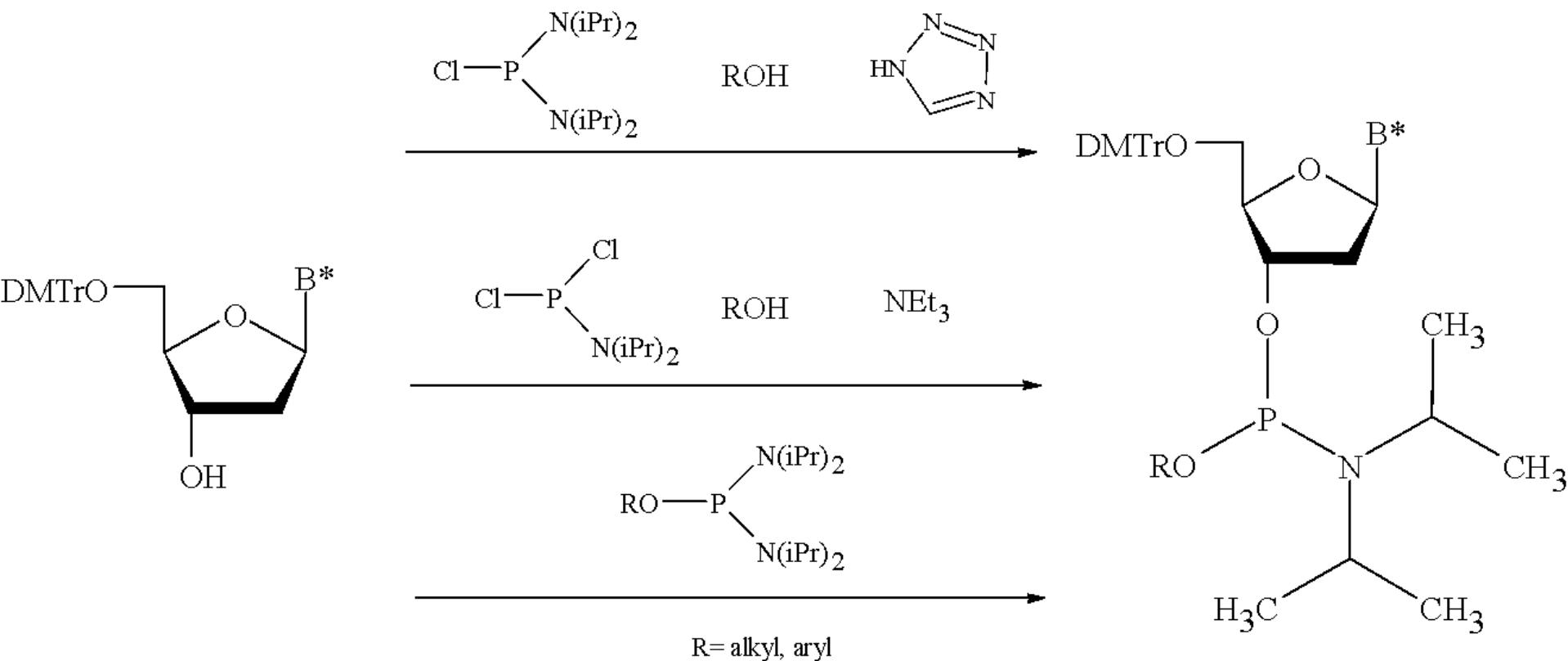


N<sup>2</sup>-äèì åòèëôî ðì àì èääèí -  
ääçî êñèäóàí èääèí

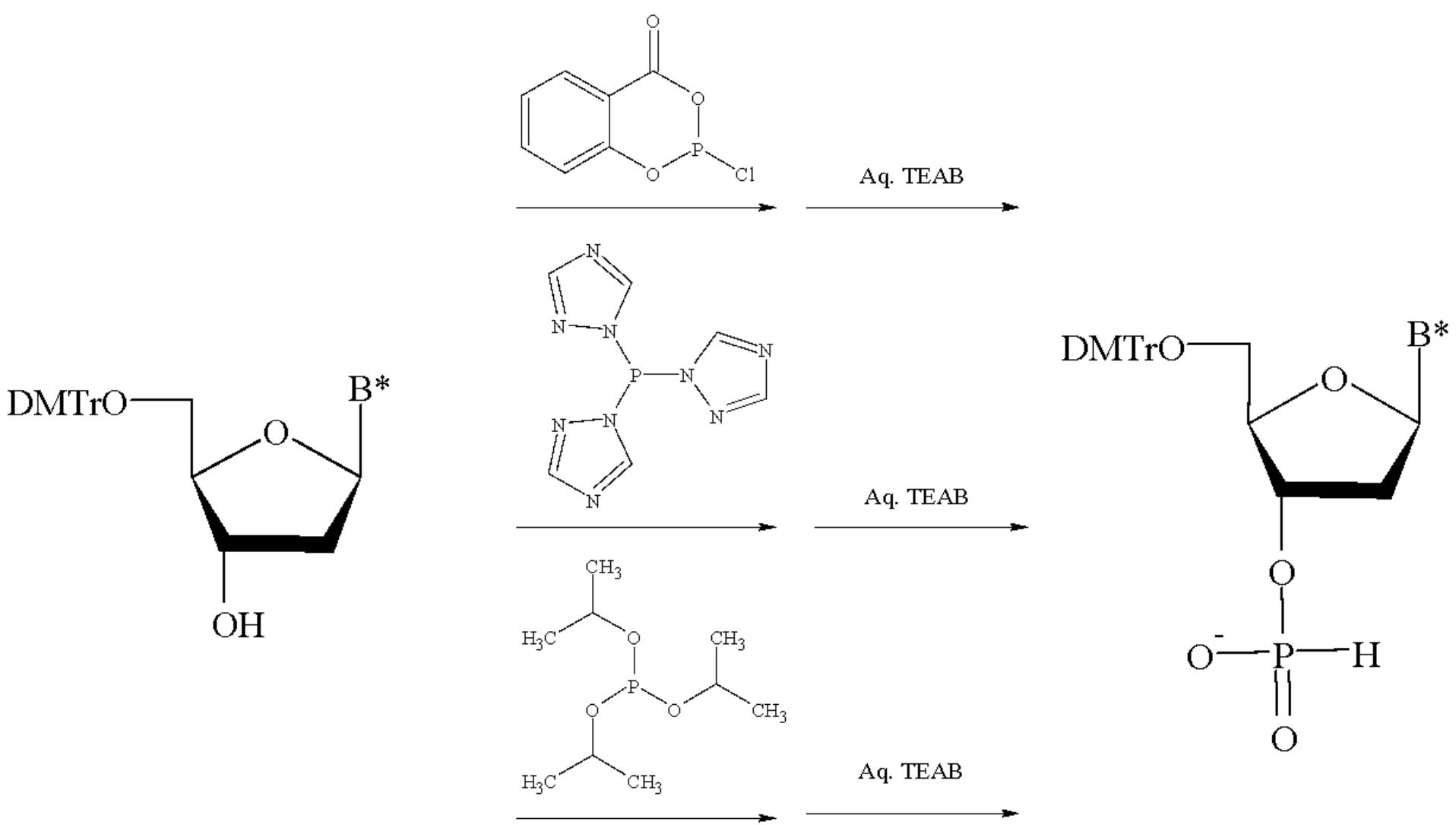


N<sup>4</sup>-èçî áóòèðèëääçî êñè öèòèääèí

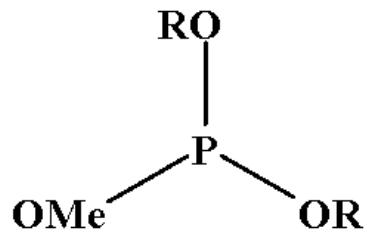
Àëüòåðí àòèâí û å çàù èòí û å ãðóï í û î ñí î âàí èé.



Ì àòí äû ñèí òåçà ôî ñôî ðàì èääèòí à.



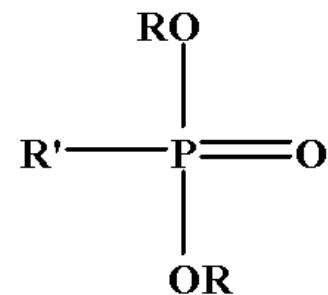
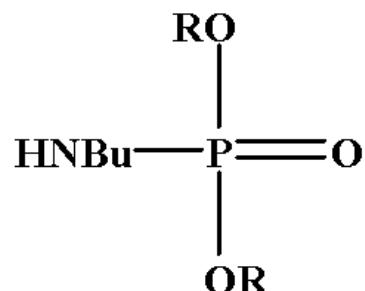
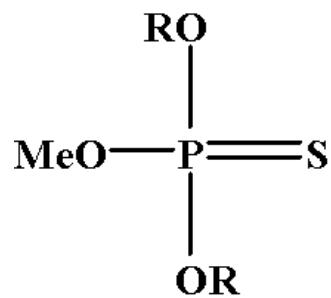
Í àòî äû ñèí òåçà í -ôî ñôî í àòî à.



a) S/ Py  
 b)  $\text{O}=\text{S}(\text{OEt})_2$

d)  $\text{R}'\text{X}$

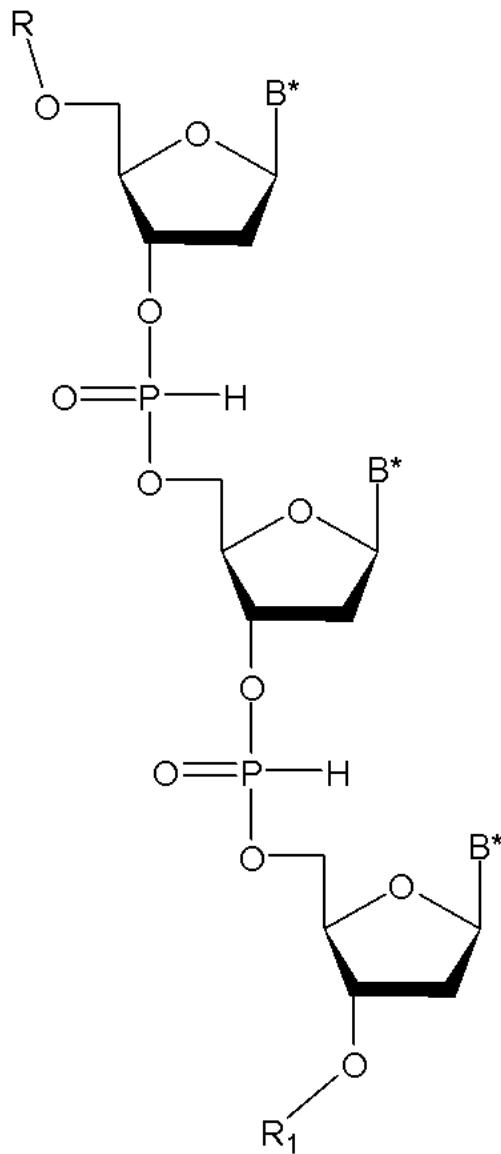
c)  $\text{BuNH}_2, \text{I}_2$



$\text{R}' = \text{Me} \quad \text{X} = \text{I}$

$\text{R}' = \text{DMTr} \quad \text{X} = \text{Cl}$

Í í ëó÷áí èå áí àëí ãí â í ðè ðí áí û õ ô í ñô àòí â.



NH<sub>2</sub>R / CCl<sub>4</sub> / Py

