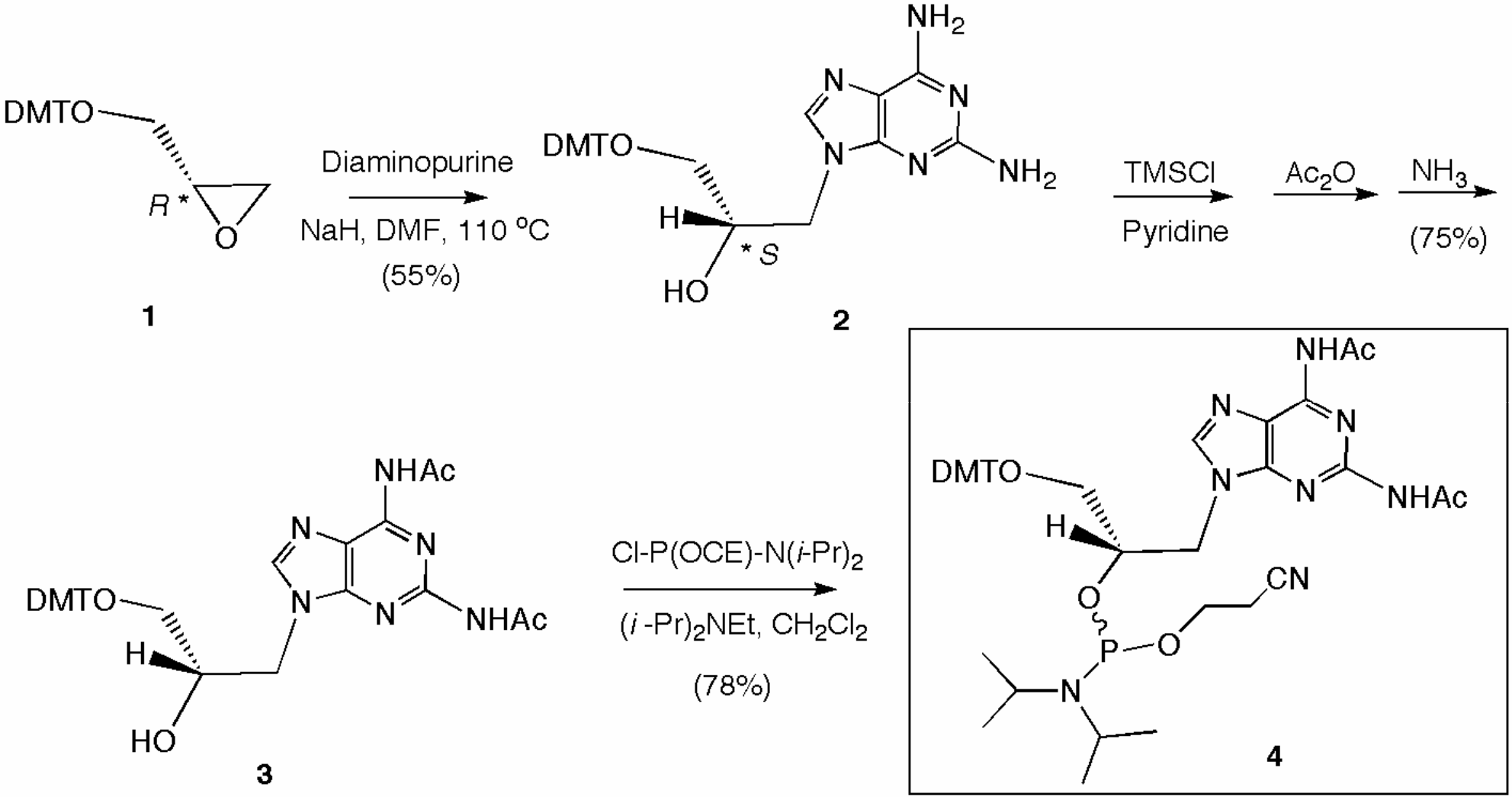
DMTO
R *
O
1
Diaminopurine
NaH, DMF, 110 °C
(55%)
NH2
N
N
N
N
NH2
DMTO
H
* S
HO
2
TMSCl
Pyridine
Ac2O
NH3
(75%)
NHAc
N
N
N
N
NHAc
DMTO
H
HO
3
Cl-P(OCE)-N(i-Pr)2
(i -Pr)2NEt, CH2Cl2
(78%)
NHAc
N
N
N
N
NHAc
DMTO
H
O
P
O
CN
N
4