2'-Deoxyuridine, 3'-O-TBDMS

Inchi: InChI=1S/C15H26N2O5Si/c1-15(2,3)23(4,5)22-10-8-13(21-11(10)9-18)17-7-6-12(19)16-1
InchiKey: CYEAJMJUHMELTK-LIXJUXSLSA-N
Formula: C15H26N2O5Si
SMILES: CC(C)(C)[Si](C)(C)OC1CC(n2ccc(=O)[nH]c2=O)OC1CO
Mol. weight [g/mol]: 342.46

Physical Properties

Property code	Value	Unit	Source
log10ws	0.37		Crippen Method
logp	0.725		Crippen Method
rinpol	2558.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R246792&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices