2'-Deoxyuridine, 5'-O-TBDMS

Inchi: InChI=1S/C15H26N2O5Si/c1-15(2,3)23(4,5)21-9-11-10(18)8-13(22-11)17-7-6-12(19)16-1
InchiKey: HCSHWGNMXQKRCF-LIXJUXSLSA-N
Formula: C15H26N2O5Si
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)CC1O
Mol. weight [g/mol]: 342.46

Physical Properties

Property code	Value	Unit	Source
log10ws	0.37		Crippen Method
logp	0.725		Crippen Method
rinpol	2584.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R246801&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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