2'-Deoxyuridine, 3',5'-bis(O-TMSi)

Other names: 2'-Deoxyuridine, 3',5'-bis-O-TMS
Inchi: InChI=1S/C15H28N2O5Si2/c1-23(2,3)20-10-12-11(22-24(4,5)6)9-14(21-12)17-8-7-13(18
InchiKey: UWMUHCLOWACYQQ-KTYPHDMWSA-N
Formula: C15H28N2O5Si2
SMILES: C[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)CC1O[Si](C)(C)C
Mol. weight [g/mol]: 372.56

Physical Properties

Property code	Value	Unit	Source
log10ws	2.49		Crippen Method
logp	1.414		Crippen Method
rinpol	2336.00		NIST Webbook
rinpol	2336.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R144171&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