

Uridine, 2',3',5'-tris(O-TBDMSi)

Inchi: InChI=1S/C18H36N2O6Si3/c1-27(2,3)23-12-13-15(25-28(4,5)6)16(26-29(7,8)9)17(24-13)
InchiKey: PMTYSPPFEFHVGD-YSFFMABBSA-N
Formula: C18H36N2O6Si3
SMILES: C[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]: 460.74

Physical Properties

Property code	Value	Unit	Source
log10ws	3.99		Crippen Method
logp	2.244		Crippen Method
rinpol	3102.00		NIST Webbook
rinpol	3128.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R307525&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/65-285-4/Uridine-2-3-5-tris-O-TBDMSi.pdf>

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