

Uridine, 2'-O-TMS, 3',5'-bis-TBDMS

Inchi: InChI=1S/C24H48N2O6Si3/c1-23(2,3)34(10,11)29-16-17-19(32-35(12,13)24(4,5)6)20(31)
InchiKey: XBWCSCQKICWPCD-UHFFFAOYSA-N
Formula: C24H48N2O6Si3
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2ccc(=O)[nH]c2=O)C(O[Si](C)(C)C)C1O[Si](C)(C)C(C)(C)(C)
Mol. weight [g/mol]: 544.90

Physical Properties

Property code	Value	Unit	Source
log10ws	1.48		Crippen Method
logp	4.584		Crippen Method
rinpol	2891.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R247448&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/11-725-4/Uridine-2-O-TMS-3-5-bis-TBDMS.pdf>

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