

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

Inchi: InChI=1S/C21H40N2O6Si2/c1-20(2,3)30(7,8)28-16-14(13-24)27-18(23-12-11-15(25)22-1
InchiKey: FZXFJQVZSQAGPM-AGERRDQYSA-N
Formula: C21H40N2O6Si2
SMILES: CC(C)(C)[Si](C)(C)OC1C(CO)OC(n2ccc(=O)[nH]c2=O)C1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 472.72

Physical Properties

Property code	Value	Unit	Source
log10ws	0.61		Crippen Method
logp	2.725		Crippen Method
rinpol	2866.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R247304&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/31-593-9/Uridine-2-3-bis-O-TBDMS.pdf>

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