

Thymidine, 3'-O-acetyl, 5'-O-cyclotetramethylene-isopropylsilyl

Inchi: InChI=1S/C19H30N2O6Si/c1-12(2)28(7-5-6-8-28)25-11-16-15(26-14(4)22)9-17(27-16)21
InchiKey: BJZBJMXORKGHBV-YJEKIOLLSA-N
Formula: C19H30N2O6Si
SMILES: CC(=O)OC1CC(n2cc(C)c(=O)[nH]c2=O)OC1CO[Si]1(C(C)C)CCCC1
Mol. weight [g/mol]: 410.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	1.748		Crippen Method
rinpol	2892.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246990&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/43-260-5/Thymidine-3-O-acetyl-5-O-cyclotetramethylene-isopropylsilyl.pdf>

Generated by Cheméo on 2024-04-23 16:02:08.614412417 +0000 UTC m=+16177377.534989728.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.