

Thymidine, 3'-O-acetyl, 5'-O-TBDMS

Inchi:	InChI=1S/C18H30N2O6Si/c1-11-9-20(17(23)19-16(11)22)15-8-13(25-12(2)21)14(26-15)
InchiKey:	MAVGGYGNBUMLLC-UHFFFAOYSA-N
Formula:	C18H30N2O6Si
SMILES:	CC(=O)OC1CC(n2cc(C)c(=O)[nH]c2=O)OC1CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	398.53
CAS:	56070-42-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	1.604		Crippen Method
rinpol	2646.00		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=C56070429&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/30-509-3/Thymidine-3-O-acetyl-5-O-TBDMS.pdf>

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