

Thymidine, 3',5'-bis-O-TMS

Other names:	Thymidine, 3',5'-bis(O-TMSi)
Inchi:	InChI=1S/C16H30N2O5Si2/c1-11-9-18(16(20)17-15(11)19)14-8-12(23-25(5,6)7)13(22-14
InchiKey:	IIRRTMASMPHAF-WLDKUNSKSA-N
Formula:	C16H30N2O5Si2
SMILES:	<chem>Cc1cn(C2CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O2)c(=O)[nH]c1=O</chem>
Mol. weight [g/mol]:	386.59

Physical Properties

Property code	Value	Unit	Source
log10ws	2.02		Crippen Method
logp	1.722		Crippen Method
rinpol	2382.00		NIST Webbook
rinpol	2382.00		NIST Webbook
rinpol	2382.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R144715&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/12-920-6/Thymidine-3-5-bis-O-TMS.pdf>

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