

Thymidine, bis(trimethylsilyl) deriv.

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: IIORRTMASMPHAF-UHFFFAOYSA-N
Formula: C16H30N2O5Si2
SMILES: Cc1cn(C2CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 386.59

Physical Properties

Property code	Value	Unit	Source
log10ws	2.02		Crippen Method
logp	1.722		Crippen Method
rinpol	2409.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375677&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/53-172-2/Thymidine-bis-trimethylsilyl-deriv.pdf>

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