

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

Inchi: InChI=1S/C19H27F3N2O6Si/c1-11(2)31(6-4-5-7-31)28-10-14-13(30-17(26)19(20,21)22)0
InchiKey: SYVWTZFUGYPMRI-JVIGXAJISA-N
Formula: C19H27F3N2O6Si
SMILES: Cc1cn(C2CC(OC(=O)C(F)(F)F)C(CO[Si]3(C(C)C)CCCC3)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 464.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.52		Crippen Method
logp	2.291		Crippen Method
rinpol	2649.00		NIST Webbook
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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=R247191&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/12-848-7/Thymidine-3-O-TFA-5-O-cyclotetramethylene-isopropylsilyl.pdf>

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