

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

InChI: InChI=1S/C20H29F3N2O6Si/c1-12-10-25(18(28)24-16(12)26)15-9-13(14(30-15)11-29-17
InchiKey: TYZWUAFKDLZXNM-JVIGXAJISA-N

Formula: C20H29F3N2O6Si

SMILES: Cc1cn(C2CC(O[Si]3(C(C)(C)C)CCCC3)C(COC(=O)C(F)(F)F)O2)c(=O)[nH]c1=O

Mol. weight [g/mol]: 478.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	2.681		Crippen Method
rinpol	2710.00		NIST Webbook
rinpol	2710.00		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=R247126&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/24-350-6/Thymidine-3-O-cyclotetramethylene-tertbutylsilyl-5-O-TFA.pdf>

Generated by Cheméo on 2022-12-06 00:33:07.297772311 +0000 UTC m=+283150.034638015.

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