

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

Inchi: InChI=1S/C21H38N2O5Si2/c1-15-13-23(20(25)22-19(15)24)18-12-16(28-29(5,6)7)17(27)
InchiKey: SIKNIROEMSATHJ-UKKPGEIXSA-N
Formula: C21H38N2O5Si2
SMILES: Cc1cn(C2CC(O[Si](C)(C)C)C(CO[Si]3(C(C)(C)C)CCCC3)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 454.71

Physical Properties

Property code	Value	Unit	Source
log10ws	0.03		Crippen Method
logp	3.427		Crippen Method
rinpol	2892.00		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=R247235&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/35-627-7/Thymidine-3-O-TMS-5-O-cyclotetramethylene-tertbutylsilyl.pdf>

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