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

Inchi: InChI=1S/C24H44N2O5Si2/c1-17-15-26(22(28)25-21(17)27)20-14-18(31-33(24(5,6)7)12
InchiKey: LOBXGNJFBRGFNL-FXJNCMGBSA-N
Formula: C24H44N2O5Si2
SMILES: Cc1cn(C2CC(O[Si]3(C(C)(C)C)CCCC3)C(CO[Si](C)(C)C(C)(C)C)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 496.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.22		Crippen Method
logp	4.597		Crippen Method
rinpol	3140.00		NIST Webbook
rinpol	3140.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R247111&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:
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