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

Inchi: InChI=1S/C19H30N2O6Si/c1-12(2)28(7-5-6-8-28)27-15-9-17(26-16(15)11-25-14(4)22)21
InchiKey: DJSWDXQJJSAGLQ-YJEKIOLLSA-N
Formula: C19H30N2O6Si
SMILES: CC(=O)OCC1OC(n2cc(C)c(=O)[nH]c2=O)CC1O[Si]1(C(C)C)CCCC1
Mol. weight [g/mol]: 410.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	1.748		Crippen Method
rinpol	2897.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R247037&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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