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

Inchi: InChI=1S/C19H30N2O6Si/c1-12(2)28(7-5-6-8-28)25-11-16-15(26-14(4)22)9-17(27-16)21

InchiKey: BJZBJMXORKGHBV-YJEKIOLLSA-N

Formula: C19H30N2O6Si

SMILES: CC(=O)OC1CC(n2cc(C)c(=O)[nH]c2=O)OC1CO[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	2892.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R246990&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