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