Thymidine, 3'-O-TBDMS, 5'-O-TMS

Inchi: InChI=1S/C19H36N2O5Si2/c1-13-11-21(18(23)20-17(13)22)16-10-14(26-28(8,9)19(2,3)4
InchiKey: VUBPKJALORGGOU-ANGDWKNPSA-N
Formula: C19H36N2O5Si2
SMILES: Cc1cn(C2CC(O[Si](C)(C)C(C)(C)C)C(CO[Si](C)(C)C)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 428.67

Physical Properties

Property code	Value	Unit	Source
log10ws	0.76		Crippen Method
logp	2.893		Crippen Method
rinpol	2616.00		NIST Webbook
rinpol	2616.00		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=R247186&Units=SI

Legend

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