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

Inchi: InChI=1S/C20H29F3N2O6Si/c1-12-10-25(18(28)24-16(12)26)15-9-13(14(30-15)11-29-17
InchiKey: TYZWUAFKDLZXNM-JVIGXAJISA-N
Formula: C20H29F3N2O6Si
SMILES: Cc1cn(C2CC(O[Si]3(C(C)(C)C)CCCC3)C(COC(=O)C(F)(F)F)O2)c(=O)[nH]c1=O
Mol. weight [g/mol]: 478.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.94		Crippen Method
logp	2.681		Crippen Method
rinpol	2710.00		NIST Webbook
rinpol	2710.00		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=R247126&Units=SI

Legend

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