MO-deoxycytidine, TMS

Inchi: InChI=1S/C19H40N4O4Si3/c1-24-21-19-20-17(22-28(2,3)4)11-12-23(19)18-13-15(27-30
InchiKey: LBSDXQSQNHXFLH-UHFFFAOYSA-N
Formula: C19H40N4O4Si3
SMILES: CON=c1nc(N[Si](C)(C)C)ccn1C1CC(O[Si](C)(C)C)C(CO[Si](C)(C)C)O1
Mol. weight [g/mol]: 472.80

Physical Properties

Property code	Value	Unit	Source
log10ws	2.16		Crippen Method
logp	3.951		Crippen Method
rinpol	2379.00		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=R207193&Units=SI

Legend

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