2'-Deoxyadenosine, 3'-O-TMS, 5'-O-TBDMS

Inchi: InChI=1S/C19H35N5O3Si2/c1-19(2,3)29(7,8)25-10-14-13(27-28(4,5)6)9-15(26-14)24-12
InchiKey: LGXBDBGVMFEIQR-JVIGXAJISA-N
Formula: C19H35N5O3Si2
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N)ncnc32)CC1O[Si](C)(C)C
Mol. weight [g/mol]: 437.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	3.938		Crippen Method
rinpol	2737.00		NIST Webbook
rinpol	2737.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R246752&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