2'-Deoxyadenosine, 5'-O-TBDMS

Inchi: InChI=1S/C16H27N5O3Si/c1-16(2,3)25(4,5)23-7-11-10(22)6-12(24-11)21-9-20-13-14(17
InchiKey: HGLRBQHXIBHZTD-PQDIPPBSSA-N
Formula: C16H27N5O3Si
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N)ncnc32)CC1O
Mol. weight [g/mol]: 365.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.30		Crippen Method
logp	2.079		Crippen Method
rinpol	2739.00		NIST Webbook
rinpol	2739.00		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=R246767&Units=SI

Legend

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