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

Inchi: InChI=1S/C18H29N5O4Si/c1-11(24)26-12-7-14(23-10-22-15-16(19)20-9-21-17(15)23)27
InchiKey: ZNFABSCGBXQHKJ-ILMHWDKJSA-N
Formula: C18H29N5O4Si
SMILES: CC(=O)OC1CC(n2cnc3c(N)ncnc32)OC1CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 407.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.74		Crippen Method
logp	2.650		Crippen Method
rinpol	2795.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R246712&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