N6-TMS-2'-Deoxyadenosine, 3',5'-bis-O-TBDMS

Inchi: InChI=1S/C25H49N5O3Si3/c1-24(2,3)35(10,11)31-15-19-18(33-36(12,13)25(4,5)6)14-20

InchiKey: GCADORWDTPEIOA-FXJNCMGBSA-N

Formula: C25H49N5O3Si3

SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N[Si](C)(C)C)ncnc32)CC1O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 551.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	6.773		Crippen Method
rinpol	3076.00		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=R246925&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices