

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

Inchi: InChI=1S/C22H43N5O3Si3/c1-22(2,3)33(10,11)28-13-17-16(30-32(7,8)9)12-18(29-17)27
InchiKey: GMTXFIUBWUTVAS-UKKPGEIXSA-N
Formula: C22H43N5O3Si3
SMILES: CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N[Si](C)(C)C)ncnc32)CC1O[Si](C)(C)C
Mol. weight [g/mol]: 509.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.70		Crippen Method
logp	5.602		Crippen Method
rinpol	2832.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246965&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/39-359-1/N6-TMS-2-Deoxyadenosine-3-O-TMS-5-O-TBDMS.pdf>

Generated by Cheméo on 2025-12-05 08:03:24.611594675 +0000 UTC m=+4670002.141635334.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.