

2'-Deoxyadenosine, 3',5',N6-tris(O-TBDMSi)

Other names:	N6-TBDMS-2'-Deoxyadenosine, 3',5'-bis-O-TBDMS
Inchi:	InChI=1S/C28H55N5O3Si3/c1-26(2,3)37(10,11)32-24-23-25(30-18-29-24)33(19-31-23)2
InchiKey:	RTUGFHFFYHJWKH-UGGDCYSXSA-N
Formula:	C28H55N5O3Si3
SMILES:	CC(C)(C)[Si](C)(C)Nc1ncnc2c1ncn2C1CC(O[Si](C)(C)C(C)(C)C)C(CO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	594.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.21		Crippen Method
logp	7.943		Crippen Method
rinpol	3205.00		NIST Webbook
rinpol	3278.00		NIST Webbook
rinpol	3205.00		NIST Webbook
rinpol	3278.00		NIST Webbook
rinpol	3205.00		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=R144126&Units=SI

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/28-343-0/2-Deoxyadenosine-3-5-N6-tris-O-TBDMSi.pdf>

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