

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

Other names:	2'-Deoxyadenosine, 3',5'-bis(O-TBDMSi)
Inchi:	InChI=1S/C22H41N5O3Si2/c1-21(2,3)31(7,8)28-12-16-15(30-32(9,10)22(4,5)6)11-17(29
InchiKey:	JEDIATUHRBNRLS-RTKIROINSA-N
Formula:	C22H41N5O3Si2
SMILES:	CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N)ncnc32)CC1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	479.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	5.108		Crippen Method
rinpol	2985.00		NIST Webbook
rinpol	2954.00		NIST Webbook
rinpol	2985.00		NIST Webbook
rinpol	2954.00		NIST Webbook
rinpol	2954.00		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=R144082&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/66-205-1/2-Deoxyadenosine-3-5-bis-O-TBDMS.pdf>

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