

2'-Deoxyadenosine, 3',5'-bis-O-cyclotetramethylene-isopropylsilyl

Other names:	2'-Deoxyadenosine, 3',5'-bis(O-TMIPSi)
Inchi:	InChI=1S/C24H41N5O3Si2/c1-17(2)33(9-5-6-10-33)30-14-20-19(32-34(18(3)4)11-7-8-12
InchiKey:	TXMCBTGUKLCLLK-MCOCGALXSA-N
Formula:	C24H41N5O3Si2
SMILES:	CC(C)[Si]1(OCC2OC(n3cnc4c(N)ncnc43)CC2O[Si]2(C(C)C)CCCC2)CCCC1
Mol. weight [g/mol]:	503.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	5.396		Crippen Method
rinpol	3520.00		NIST Webbook
rinpol	3520.00		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=R144097&Units=SI

Legend

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

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<https://www.chemeo.com/cid/23-336-3/2-Deoxyadenosine-3-5-bis-O-cyclotetramethylene-isopropylsilyl.pdf>

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