

Adenosine, 2',3',5'-tris-O-TMS

Other names:	Adenosine, 2',3',5'-tris(O-TMSi)
Inchi:	InChI=1S/C19H37N5O4Si3/c1-29(2,3)25-10-13-15(27-30(4,5)6)16(28-31(7,8)9)19(26-13
InchiKey:	XKWSHWBHAXXJOJ-XAUNWSGPSA-N
Formula:	C19H37N5O4Si3
SMILES:	C[Si](C)(C)OCC1OC(n2cnc3c(N)ncnc32)C(O[Si](C)(C)C)C1O[Si](C)(C)C
Mol. weight [g/mol]:	483.78

Physical Properties

Property code	Value	Unit	Source
log10ws	1.32		Crippen Method
logp	3.598		Crippen Method
rinpol	2573.00		NIST Webbook
rinpol	2573.00		NIST Webbook
rinpol	2573.00		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=R144433&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/61-588-2/Adenosine-2-3-5-tris-O-TMS.pdf>

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