

# N6-TMS-Adenosine, 2',3',5'-tris-O-TBDMS

**Inchi:** InChI=1S/C31H63N5O4Si4/c1-29(2,3)42(13,14)37-19-22-24(39-43(15,16)30(4,5)6)25(40)  
**InchiKey:** JKMJRBMMPQPQQJ-PMSVCUPHSA-N  
**Formula:** C31H63N5O4Si4  
**SMILES:** CC(C)(C)[Si](C)(C)OCC1OC(n2cnc3c(N[Si](C)(C)C)ncnc32)C(O[Si](C)(C)C(C)(C)C)C1O  
**Mol. weight [g/mol]:** 682.21

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	8.773		Crippen Method
rinpol	3274.00		NIST Webbook
rinpol	3274.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R246970&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/47-586-0/N6-TMS-Adenosine-2-3-5-tris-O-TBDMS.pdf>

Generated by Cheméo on 2024-04-23 20:59:43.839701051 +0000 UTC m=+16195232.760278363.

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