

# 6-Isopentenyladenine, TMS

**Inchi:** InChI=1S/C16H29N5Si2/c1-12(2)9-10-13-18-14-15(20-22(3,4)5)17-11-21(16(14)19-13)2  
**InchiKey:** MAYZYAZIWMEKJJ-UHFFFAOYSA-N  
**Formula:** C16H29N5Si2  
**SMILES:** CC(C)=CCc1nc2c(N[Si](C)(C)C)ncn([Si](C)(C)C)c-2n1  
**Mol. weight [g/mol]:** 347.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.93		Crippen Method
logp	4.216		Crippen Method
rinpol	2115.00		NIST Webbook
rinpol	2115.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R93935&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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