

# 6-methyl adenine, TMS

**Inchi:** InChI=1S/C12H23N5Si2/c1-9-15-11-10(17(9)19(5,6)7)12(14-8-13-11)16-18(2,3)4/h8H,1-  
**InchiKey:** NFXMWMHXGYLTKC-UHFFFAOYSA-N  
**Formula:** C12H23N5Si2  
**SMILES:** Cc1nc2ncnc(N[Si](C)(C)C)c2n1[Si](C)(C)C  
**Mol. weight [g/mol]:** 293.52

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.28		Crippen Method
logp	3.065		Crippen Method
rinpol	1758.00		NIST Webbook
rinpol	1759.00		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=R93953&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/43-760-0/6-methyl-adenine-TMS.pdf>

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