

# 7-(Trimethylsilyl)-2,6-bis[(trimethylsilyl)oxy]-7H-purine

**Inchi:** InChI=1S/C14H28N4O2Si3/c1-21(2,3)18-10-15-12-11(18)13(19-22(4,5)6)17-14(16-12)20  
**InchiKey:** RQUWKIAIWSIBNW-UHFFFAOYSA-N  
**Formula:** C<sub>14</sub>H<sub>28</sub>N<sub>4</sub>O<sub>2</sub>Si<sub>3</sub>  
**SMILES:** C[Si](C)(C)Oc1nc(O[Si](C)(C)C)c2c(ncn2[Si](C)(C)C)n1  
**Mol. weight [g/mol]:** 368.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.07		Crippen Method
logp	3.937		Crippen Method
rinpol	2010.70		NIST Webbook
rinpol	2010.70		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=U332895&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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