

# N,9-bis(Trimethylsilyl)-6-[(trimethylsilyl)oxy]-9H-p

**Other names:** guanine, TMS  
**Inchi:** InChI=1S/C14H29N5OSi3/c1-21(2,3)18-14-16-12-11(13(17-14)20-23(7,8)9)15-10-19(12)  
**InchiKey:** ZTKRDVGMXYXNNJL-UHFFFAOYSA-N  
**Formula:** C14H29N5OSi3  
**SMILES:** C[Si](C)(C)Nc1nc(O[Si](C)(C)C)c2ncn([Si](C)(C)C)c2n1  
**Mol. weight [g/mol]:** 367.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.18		Crippen Method
logp	3.970		Crippen Method
rinqol	2125.50		NIST Webbook
rinqol	2110.00		NIST Webbook
rinqol	2110.00		NIST Webbook
rinqol	2113.00		NIST Webbook
rinqol	2113.00		NIST Webbook
rinqol	2115.00		NIST Webbook
rinqol	2109.00		NIST Webbook
rinqol	2115.00		NIST Webbook
rinqol	2115.00		NIST Webbook
rinqol	2106.00		NIST Webbook
rinqol	2101.00		NIST Webbook
rinqol	2113.00		NIST Webbook
rinqol	2125.50		NIST Webbook
rinqol	2101.00		NIST Webbook
rinqol	2106.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333943&Units=SI>  
**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)

# 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.cheméo.com/cid/116-961-6/N-9-bis-Trimethylsilyl-6-trimethylsilyl-oxy-9H-purin-2-amine.pdf>

Generated by Cheméo on 2024-04-29 23:06:13.098350112 +0000 UTC m=+16721222.018927422.

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