

# 9H-Purine, 9-(trimethylsilyl)-6-[(trimethylsilyl)oxy]-

Other names:

9H-Purine, 6-(trimethylsiloxy)-9-(trimethylsilyl)-

O6,9-Bis(trimethylsilyl)hypoxanthine

Hypoxanthine di-TMS

9-(Trimethylsilyl)-6-[(trimethylsilyl)oxy]-9H-purine

Hypoxanthine, bis-TMS

hypoxanthine, TMS

9H-purin-6-ol, 2tms derivative

**Inchi:** InChI=1S/C11H20N4OSi2/c1-17(2,3)15-8-14-9-10(15)12-7-13-11(9)16-18(4,5)6/h7-8H,1

**InchiKey:** GQQMYRBRLIEVPC-UHFFFAOYSA-N

**Formula:** C11H20N4OSi2

**SMILES:** C[Si](C)(C)Oc1ncnc2c1ncn2[Si](C)(C)C

**Mol. weight [g/mol]:** 280.47

**CAS:** 17962-89-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.08		Crippen Method
logp	2.723		Crippen Method
rinpol	1812.20		NIST Webbook
rinpol	1793.00		NIST Webbook
rinpol	1796.00		NIST Webbook
rinpol	1794.00		NIST Webbook
rinpol	1798.00		NIST Webbook
rinpol	1809.60		NIST Webbook
rinpol	1792.00		NIST Webbook
rinpol	1793.00		NIST Webbook
rinpol	1794.00		NIST Webbook
rinpol	1812.20		NIST Webbook
rinpol	1798.00		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)

## Legend

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

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