

# 5-Azacytosine, TMS

**Inchi:** InChI=1S/C9H20N4OSi2/c1-15(2,3)13-8-10-7-11-9(12-8)14-16(4,5)6/h7H,1-6H3,(H,10,11)H2  
**InchiKey:** DPOVLFLVTXSCRO-UHFFFAOYSA-N  
**Formula:** C9H20N4OSi2  
**SMILES:** C[Si](C)(C)Nc1ncnc(O[Si](C)(C)C)n1  
**Mol. weight [g/mol]:** 256.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.33		Crippen Method
logp	2.332		Crippen Method
rinpol	1696.00		NIST Webbook
rinpol	1701.00		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=R5962&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/55-493-4/5-Azacytosine-TMS.pdf>

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