

# Agmatine, 4TMS

**Inchi:** InChI=1S/C17H46N4Si4/c1-22(2,3)19-17(20-23(4,5)6)18-15-13-14-16-21(24(7,8)9)25(10)  
**InchiKey:** IOEGTTTZYFYHN-UHFFFAOYSA-N  
**Formula:** C17H46N4Si4  
**SMILES:** C[Si](C)(C)NC(=NCCCCN([Si](C)(C)C)[Si](C)(C)C)N[Si](C)(C)C  
**Mol. weight [g/mol]:** 418.92

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.75		Crippen Method
logp	4.943		Crippen Method
rinpol	1734.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R634238&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

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<https://www.chemeo.com/cid/74-535-6/Agmatine-4TMS.pdf>

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