

# Arginine, mono-TMS

**Inchi:** InChI=1S/C9H22N4O2Si/c1-16(2,3)15-8(14)7(10)5-4-6-13-9(11)12/h7H,4-6,10H2,1-3H3,  
**InchiKey:** MAZYBMPUMXOPOP-UHFFFAOYSA-N  
**Formula:** C9H22N4O2Si  
**SMILES:** C[Si](C)(C)OC(=O)C(N)CCCNC(=N)N  
**Mol. weight [g/mol]:** 246.38

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	-0.045		Crippen Method
rinpol	1386.00		NIST Webbook

## Sources

**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=R400723&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/54-816-6/Arginine-mono-TMS.pdf>

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