

# Omithine, TMS

**Inchi:** InChI=1S/C13H34N2O2Si3/c1-18(2,3)14-11-10-12(15-19(4,5)6)13(16)17-20(7,8)9/h12,14-17,20  
**InchiKey:** KMEFSHWCHROLIH-GFCCVEGCSA-N  
**Formula:** C13H34N2O2Si3  
**SMILES:** C[Si](C)(C)NCCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 334.68

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.23		Crippen Method
logp	2.972		Crippen Method
rinpol	1619.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401315&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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.chemeo.com/cid/61-487-4/Omithine-TMS.pdf>

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