

# 3-Amino-1-propanol, trimethylsilyl ether

**Other names:** 3-[(Trimethylsilyl)oxy]propan-1-amine  
1-Propanol, 3-amino, O-TMS  
3-Aminopropanol, tms derivative

**Inchi:** InChI=1S/C6H17NOSi/c1-9(2,3)8-6-4-5-7/h4-7H2,1-3H3

**InchiKey:** VTBPVFUOJWSMHY-UHFFFAOYSA-N

**Formula:** C6H17NOSi

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

**Mol. weight [g/mol]:** 147.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.09		Crippen Method
logp	1.187		Crippen Method
rinpol	929.20		NIST Webbook
rinpol	948.00		NIST Webbook
rinpol	929.20		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333011&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/21-322-0/3-Amino-1-propanol-trimethylsilyl-ether.pdf>

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