

# Selenomethionine, N,O-bis(tert-butyl dimethylsilyl)-

**Other names:** (S)-tert-Butyldimethylsilyl  
**Inchi:** 2-[(tert-butyl dimethylsilyl)amino]-4-(methylselanyl)butanoate  
**InchiKey:** MBSUOGOONRBQTI-UHFFFAOYSA-N  
**Formula:** C<sub>17</sub>H<sub>39</sub>NO<sub>2</sub>SeSi<sub>2</sub>  
**SMILES:** C[Se]CCC(N[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 424.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.26		Crippen Method
logp	5.059		Crippen Method
rinpol	2047.00		NIST Webbook
rinpol	2047.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U378733&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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