

# 1-Octadecanamine, mono-DMTBS

**Inchi:** InChI=1S/C24H53NSi/c1-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-25-26(5,6)2  
**InchiKey:** BFAKYFXHHMWCFE-UHFFFAOYSA-N  
**Formula:** C24H53NSi  
**SMILES:** CCCCCCCCCCCCCCCCCCN[Si](C)(C)C(C)C(C)C  
**Mol. weight [g/mol]:** 383.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.11		Crippen Method
logp	8.843		Crippen Method

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R65057&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient

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