

# 6-Hexadecenoic acid, trimethylsilyl ester

**Inchi:** InChI=1S/C19H38O2Si/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19(20)21-22(2,3)4/h13  
**InchiKey:** JSIAKNWXMMNRSV-BUHFOSPRSA-N  
**Formula:** C19H38O2Si  
**SMILES:** CCCCCCCCC=CCCCC(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 326.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.54		Crippen Method
logp	6.622		Crippen Method
rinpol	2014.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R166740&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

Latest version available from:

<https://www.chemeo.com/cid/97-652-1/6-Hexadecenoic-acid-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-25 14:07:06.567670251 +0000 UTC m=+16343275.488247562.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.