

# Hexanedioic acid, 3-trimethylsiloxy-, bis(trimethylsilyl) ester

**Other names:**

Hexanedioic acid, 3-trimethylsilyloxy-, bis(trimethylsilyl) ester

3-Hydroxyadipic acid, tri-TMS

Hexanedioic acid, 3-hydroxy, (3TMS)-

3-Hydroxysuberic acid, tri-TMS

Hexanedioic acid, 3-hydroxy, TMS

**Inchi:** InChI=1S/C15H34O5Si3/c1-21(2,3)18-13(12-15(17)20-23(7,8)9)10-11-14(16)19-22(4,5)6

**InchiKey:** SMEOAZFYCOIGCU-UHFFFAOYSA-N

**Formula:** C15H34O5Si3

**SMILES:** C[Si](C)(C)OC(=O)CCC(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C

**Mol. weight [g/mol]:** 378.68

**CAS:** 73105-00-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.82		Crippen Method
logp	4.133		Crippen Method
rinpol	1691.00		NIST Webbook
rinpol	1697.00		NIST Webbook
rinpol	1699.00		NIST Webbook
rinpol	1699.00		NIST Webbook
rinpol	1699.00		NIST Webbook

## Sources

**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=C73105007&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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