

# 5-Hydroxyindole-3-acetic acid, trimethylsilyl ether, trimethylsilyl ester

**Other names:** 5-Trimethylsiloxyindoleacetic acid, trimethylsilyl ester

5-Hydroxyindoleacetic acid, 2tms derivative

**Inchi:** InChI=1S/C16H25NO3Si2/c1-21(2,3)19-13-7-8-15-14(10-13)12(11-17-15)9-16(18)20-22

**InchiKey:** ZOGJQMOSRJDGQT-UHFFFAOYSA-N

**Formula:** C16H25NO3Si2

**SMILES:** C[Si](C)(C)OC(=O)Cc1c[nH]c2ccc(O[Si](C)(C)C)cc12

**Mol. weight [g/mol]:** 335.55

**CAS:** 69937-41-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.48		Crippen Method
logp	3.820		Crippen Method
rinsol	2220.00		NIST Webbook
rinsol	2200.00		NIST Webbook
rinsol	2220.00		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=C69937413&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

**rinsol:** Non-polar retention indices

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