

# 2-Ethylphenol, trimethylsilyl ether

**Other names:** 2-Ethylphenol, TMS  
2-Ethylphenol, TMS ether  
2-Ethylphenol, tms derivative

**Inchi:** InChI=1S/C11H18OSi/c1-5-10-8-6-7-9-11(10)12-13(2,3)4/h6-9H,5H2,1-4H3

**InchiKey:** PXDBQALVNNGXPM-UHFFFAOYSA-N

**Formula:** C11H18OSi

**SMILES:** CCc1ccccc1O[Si](C)(C)C

**Mol. weight [g/mol]:** 194.35

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	3.463		Crippen Method
rinsol	1204.00		NIST Webbook
rinsol	1199.00		NIST Webbook
rinsol	1199.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333445&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

**rinsol:** Non-polar retention indices

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