

# 1-Phenoxypropan-2-yl tert-butyldimethylsilyl ether

**Other names:**

2-Phenoxy-1-methylethyl tert-butyldimethylsilyl ether

Phenoxyisopropanyl tert-butyldimethylsilyl ether

**Inchi:**

InChI=1S/C15H26O2Si/c1-13(17-18(5,6)15(2,3)4)12-16-14-10-8-7-9-11-14/h7-11,13H,12

**InchiKey:**

IELMRGAAMJNGBF-UHFFFAOYSA-N

**Formula:**

C15H26O2Si

**SMILES:**

CC(COc1ccccc1)O[Si](C)(C)C(C)(C)C

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

266.45

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.19		Crippen Method
logp	4.476		Crippen Method
rinpola	1565.00		NIST Webbook
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## 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=U378204&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

**rinpola:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/16-755-6/1-Phenoxypropan-2-yl-tert-butyldimethylsilyl-ether.pdf>

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