

3-Phenoxybenzyl alcohol, trimethylsilyl ether

Other names:	3-Phenoxybenzyl alcohol, tms derivative
Inchi:	InChI=1S/C16H20O2Si/c1-19(2,3)17-13-14-8-7-11-16(12-14)18-15-9-5-4-6-10-15/h4-12H
InchiKey:	XFYJFAPKQHCGKO-UHFFFAOYSA-N
Formula:	C16H20O2Si
SMILES:	C[Si](C)(C)OCc1cccc(Oc2ccccc2)c1
Mol. weight [g/mol]:	272.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.38		Crippen Method
logp	4.830		Crippen Method
rinpol	1883.30		NIST Webbook
rinpol	1883.30		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333982&Units=SI

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/117-896-8/3-Phenoxybenzyl-alcohol-trimethylsilyl-ether.pdf>

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