

[4-(Benzyloxy)phenoxy](trimethyl)silane

Other names:	Benzene, 1-(phenylmethoxy)-4-[(trimethylsilyl)oxy]- 4-Benzyloxy-1-trimethylsilyloxybenzene
Inchi:	InChI=1S/C16H20O2Si/c1-19(2,3)18-16-11-9-15(10-12-16)17-13-14-7-5-4-6-8-14/h4-12H
InchiKey:	RPULSTYMTNDHDB-UHFFFAOYSA-N
Formula:	C16H20O2Si
SMILES:	C[Si](C)(C)Oc1ccc(OCc2ccccc2)cc1
Mol. weight [g/mol]:	272.41
CAS:	500901-56-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.71		Crippen Method
logp	4.479		Crippen Method
rinpol	1913.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C500901564&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

Latest version available from:

<https://www.chemeo.com/cid/114-811-4/4-Benzyloxy-phenoxy-trimethyl-silane.pdf>

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