

Silane, trimethyl(1-phenylethoxy)-

Other names:	Silane, trimethyl[(«alpha»-methylbenzyl)oxy]- («alpha»-Methylbenzyloxy)trimethylsilane 1-Phenylethanol, tms derivative
Inchi:	InChI=1S/C11H18OSi/c1-10(12-13(2,3)4)11-8-6-5-7-9-11/h5-10H,1-4H3
InchiKey:	BZOXVMMTSDEJEL-UHFFFAOYSA-N
Formula:	C11H18OSi
SMILES:	CC(O[Si](C)(C)C)c1ccccc1
Mol. weight [g/mol]:	194.35
CAS:	14856-75-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	3.599		Crippen Method
rinpol	1118.00		NIST Webbook
rinpol	1118.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14856758&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/20-557-1/Silane-trimethyl-1-phenylethoxy.pdf>

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