

Silane, trimethyl(2-phenylethoxy)-

Other names:	Silane, trimethyl(phenethyloxy)- 2-Phenylethanol, TMS Phenol, 2-ethyl, TMS 2-Phenylethanol, trimethylsilyl ether Phenylethyl alcohol, tms derivative
Inchi:	InChI=1S/C11H18OSi/c1-13(2,3)12-10-9-11-7-5-4-6-8-11/h4-8H,9-10H2,1-3H3
InchiKey:	ZDEFWWOHFSCODL-UHFFFAOYSA-N
Formula:	C11H18OSi
SMILES:	C[Si](C)(C)OCCc1ccccc1
Mol. weight [g/mol]:	194.35
CAS:	14629-58-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.67		Crippen Method
logp	3.081		Crippen Method
rinpol	1223.00		NIST Webbook
rinpol	1185.00		NIST Webbook
rinpol	1214.00		NIST Webbook
rinpol	1243.00		NIST Webbook
rinpol	1223.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629584&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

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<https://www.cheméo.com/cid/78-907-9/Silane-trimethyl-2-phenylethoxy.pdf>

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