

# Silane, trimethyl(2-phenoxyethoxy)-

<b>Other names:</b>	Trimethyl(2-phenoxyethoxy)silane Phenol, 2-ethoxy, TMS Phenoxyethanol, tms derivative
<b>Inchi:</b>	InChI=1S/C11H18O2Si/c1-14(2,3)13-10-9-12-11-7-5-4-6-8-11/h4-8H,9-10H2,1-3H3
<b>InchiKey:</b>	YSPNCPGGCOBEKE-UHFFFAOYSA-N
<b>Formula:</b>	C11H18O2Si
<b>SMILES:</b>	C[Si](C)(C)OCCOc1ccccc1
<b>Mol. weight [g/mol]:</b>	210.34
<b>CAS:</b>	16654-47-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.40		Crippen Method
logp	2.917		Crippen Method
rinpol	1270.00		NIST Webbook
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## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C16654470&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C16654470&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpol:</b>	Non-polar retention indices

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