

# Silane, trimethyl(3-phenoxypropoxy)-

<b>Other names:</b>	Trimethyl(3-phenoxypropoxy)silane
<b>Inchi:</b>	InChI=1S/C12H20O2Si/c1-15(2,3)14-11-7-10-13-12-8-5-4-6-9-12/h4-6,8-9H,7,10-11H2,1
<b>InchiKey:</b>	MCPDISCUAORQND-UHFFFAOYSA-N
<b>Formula:</b>	C12H20O2Si
<b>SMILES:</b>	C[Si](C)(C)OCCCOc1ccccc1
<b>Mol. weight [g/mol]:</b>	224.37
<b>CAS:</b>	16654-49-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.82		Crippen Method
logp	3.307		Crippen Method
rinpola	1454.00		NIST Webbook
rinpola	1454.00		NIST Webbook

## 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=C16654492&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C16654492&amp;Units=SI</a>

## Legend

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

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