

Silane, trimethyl(3-phenylpropoxy)-

Other names:	Trimethylsilyl ether of 3-phenylpropan-1-ol 3-Phenylpropanol, tms derivative
Inchi:	InChI=1S/C12H20OSi/c1-14(2,3)13-11-7-10-12-8-5-4-6-9-12/h4-6,8-9H,7,10-11H2,1-3H3
InchiKey:	MEDNPRTZTBYPTF-UHFFFAOYSA-N
Formula:	C12H20OSi
SMILES:	C[Si](C)(C)OCCc1ccccc1
Mol. weight [g/mol]:	208.37
CAS:	14629-60-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.09		Crippen Method
logp	3.471		Crippen Method
rinpol	1320.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629608&Units=SI

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.chemeo.com/cid/23-129-3/Silane-trimethyl-3-phenylpropoxy.pdf>

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