

Silane, (2,4-dimethylphenoxy)trimethyl-

Other names:	Silane, trimethyl(2,4-xilyloxy)- (2,4-Dimethylphenoxy)(trimethyl)silane 2,4-Dimethylphenol, TMS ether Benzene, 2,4-dimethyl-1-[(trimethylsilyl)oxy]- 2,4-Dimethylphenol, TMS 2,4-Dimethylphenol, tms derivative
Inchi:	InChI=1S/C11H18OSi/c1-9-6-7-11(10(2)8-9)12-13(3,4)5/h6-8H,1-5H3
InchiKey:	RQIFPNBYDRMGRO-UHFFFAOYSA-N
Formula:	C11H18OSi
SMILES:	<chem>Cc1ccc(O[Si](C)(C)C)c(C)c1</chem>
Mol. weight [g/mol]:	194.35
CAS:	16414-81-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	3.517		Crippen Method
rinpol	1215.00		NIST Webbook
rinpol	1226.00		NIST Webbook
rinpol	1226.00		NIST Webbook
rinpol	1215.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16414816&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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