

Silane, trimethyl(3,5-xylyloxy)-

Other names:	(3,5-Dimethylphenoxy)(trimethyl)silane 3,5-Dimethyl-1-trimethylsilyloxybenzene 3,5-Dimethylphenol, TMS ether 3,5-Dimethylphenol, TMS 3,5-Dimethylphenol, tms derivative
Inchi:	InChI=1S/C11H18OSi/c1-9-6-10(2)8-11(7-9)12-13(3,4)5/h6-8H,1-5H3
InchiKey:	XLZRFTUPZGLUER-UHFFFAOYSA-N
Formula:	C11H18OSi
SMILES:	Cc1cc(C)cc(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	194.35
CAS:	17994-05-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.43		Crippen Method
logp	3.517		Crippen Method
rinpol	1210.00		NIST Webbook
rinpol	1220.00		NIST Webbook
rinpol	1210.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17994057&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

Latest version available from:

<https://www.chemeo.com/cid/57-486-0/Silane-trimethyl-3-5-xylyloxy.pdf>

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