

Silane, trimethyl(2-methylphenoxy)-

Other names:	Silane, trimethyl(o-tolyloxy)- Trimethylsiloxy-1-methylbenzene Trimethyl(2-methylphenoxy)silane 2-Methylphenol, TMS ether 2-Methylphenol, TMS O-cresol, tms derivative
Inchi:	InChI=1S/C10H16OSi/c1-9-7-5-6-8-10(9)11-12(2,3)4/h5-8H,1-4H3
InchiKey:	NYGJXYBYDZNXQY-UHFFFAOYSA-N
Formula:	C10H16OSi
SMILES:	<chem>Cc1ccccc1O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	180.32
CAS:	1009-02-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.96		Crippen Method
logp	3.209		Crippen Method
rinpol	1127.00		NIST Webbook
rinpol	1119.00		NIST Webbook
rinpol	1136.00		NIST Webbook
rinpol	1127.00		NIST Webbook
rinpol	1119.00		NIST Webbook
rinpol	1108.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1009025&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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