

# Silane, trimethyl[5-methyl-2-(1-methylethyl)phenoxy]-

Other names:	Thymol-TMS 2-Isopropyl-5-methylphenol, TMS Thymol, tms derivative
Inchi:	InChI=1S/C13H22OSi/c1-10(2)12-8-7-11(3)9-13(12)14-15(4,5)6/h7-10H,1-6H3
InchiKey:	UTGMDFONUNJYQP-UHFFFAOYSA-N
Formula:	C13H22OSi
SMILES:	Cc1ccc(C(C)C)c(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	222.40
CAS:	55012-80-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	4.332		Crippen Method
rinpol	1301.00		NIST Webbook
rinpol	1312.00		NIST Webbook
rinpol	1310.00		NIST Webbook
rinpol	1322.00		NIST Webbook
rinpol	1312.00		NIST Webbook
rinpol	1310.00		NIST Webbook

## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C55012801&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C55012801&amp;Units=SI</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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