

Silane, (3-methoxyphenoxy)trimethyl-

Other names:	Silane, (m-methoxyphenoxy)trimethyl- (m-Methoxyphenoxy)trimethylsilane m-Methoxyphenyl trimethylsilyl ether 1-Methoxy-3-trimethylsilyloxybenzene (3-Methoxyphenoxy)(trimethyl)silane 3-Methoxyphenol, TMS ether 3-Methoxyphenol, trimethylsilyl ether 3-Methoxyphenol, tms derivative
Inchi:	InChI=1S/C10H16O2Si/c1-11-9-6-5-7-10(8-9)12-13(2,3)4/h5-8H,1-4H3
InchiKey:	NYDBBTZNZLWXEP-UHFFFAOYSA-N
Formula:	C10H16O2Si
SMILES:	COc1cccc(O[Si](C)(C)C)c1
Mol. weight [g/mol]:	196.32
CAS:	33285-71-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.60		Crippen Method
logp	2.909		Crippen Method
rinpol	1264.00		NIST Webbook
rinpol	1288.90		NIST Webbook
rinpol	1288.90		NIST Webbook
rinpol	1264.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C33285711&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/49-518-3/Silane-3-methoxyphenoxy-trimethyl.pdf>

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