

Silane, [(4-methoxyphenyl)methoxy]trimethyl-

Other names:	Silane, [(p-methoxybenzyl)oxy]trimethyl- 4-Methoxyphenylmethoxy(trimethyl)silane Benzenemethanol, 4-methoxy, TMS Benzene, 1-methoxy-4-[[trimethylsilyl]oxy]methyl- p-Methoxybenzyl trimethylsilyl ether 4-Methoxybenzyl trimethylsilyl ether 4-Methoxybenzyl alcohol, tms derivative
Inchi:	InChI=1S/C11H18O2Si/c1-12-11-7-5-10(6-8-11)9-13-14(2,3)4/h5-8H,9H2,1-4H3
InchiKey:	IFOZSFFJSXAKEY-UHFFFAOYSA-N
Formula:	C11H18O2Si
SMILES:	<chem>COc1ccc(CO[Si](C)(C)C)cc1</chem>
Mol. weight [g/mol]:	210.34
CAS:	14629-56-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.86		Crippen Method
logp	3.047		Crippen Method
rinpol	1377.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629562&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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