

Methyloctadecyldichlorosilane

Other names:	Silane, dichloromethyloctadecyl- Dichloromethyloctadecylsilane Stearylmetlyldichlorosilane
Inchi:	InChI=1S/C19H40Cl2Si/c1-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-22(2,20)21/h3-
InchiKey:	GYWBHBXGYTYXRG-UHFFFAOYSA-N
Formula:	C19H40Cl2Si
SMILES:	CCCCCCCCCCCCCCCC[Si](C)(Cl)Cl
Mol. weight [g/mol]:	367.51
CAS:	5157-75-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.71		Crippen Method
logp	8.797		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5157755&Units=SI

Legend

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

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<https://www.cheméo.com/cid/36-434-0/Methyloctadecyldichlorosilane.pdf>

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