

Silane, trichloro(2-tricyclo[3.3.1.1(3,7)]dec-1-ylethyl)-

Other names:	2-(1-Adamantyl)ethyltrichlorosilane Adamantylethyltrichlorosilane trichloro(2-tricyclo[3.3.1.13,7]decylethyl)silane
Inchi:	InChI=1S/C12H19Cl3Si/c13-16(14,15)2-1-12-6-9-3-10(7-12)5-11(4-9)8-12/h9-11H,1-8H2
InchiKey:	HLBWWITUVOEXHH-UHFFFAOYSA-N
Formula:	C12H19Cl3Si
SMILES:	Cl[Si](Cl)(Cl)CCC12CC3CC(CC(C3)C1)C2
Mol. weight [g/mol]:	297.72
CAS:	37843-11-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	5.248		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=C37843111&Units=SI

Legend

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

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