

Phenethyltrichlorosilane

Other names:	trichloro(2-phenylethyl)silane
Inchi:	InChI=1S/C8H9Cl3Si/c9-12(10,11)7-6-8-4-2-1-3-5-8/h1-5H,6-7H2
InchiKey:	FMYXZXAKZWIOHO-UHFFFAOYSA-N
Formula:	C8H9Cl3Si
SMILES:	Cl[Si](Cl)(Cl)CCc1ccccc1
Mol. weight [g/mol]:	239.60
CAS:	940-41-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.95		Crippen Method
logp	3.884		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C940410&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/37-649-1/Phenethyltrichlorosilane.pdf>

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