

Silane, dichloromethyl(3,3,3-trifluoropropyl)-

Other names:	(3,3,3-Trifluoropropyl)methyldichlorosilane Dichloromethyl-3,3,3-trifluoropropylsilane
Inchi:	InChI=1S/C4H7Cl2F3Si/c1-10(5,6)3-2-4(7,8)9/h2-3H2,1H3
InchiKey:	OHABWQNEJUFAV-UHFFFAOYSA-N
Formula:	C4H7Cl2F3Si
SMILES:	C[Si](Cl)(Cl)CC(F)(F)F
Mol. weight [g/mol]:	211.09
CAS:	675-62-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.10		Crippen Method
logp	3.488		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C675627&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/96-650-4/Silane-dichloromethyl-3-3-3-trifluoropropyl.pdf>

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