

Silane, trichloro(3,3,3-trifluoropropyl)-

Other names:	(3,3,3-Trifluoropropyl)trichlorosilane 3,3,3-Trifluoropropyltrichlorosilane trichloro(3,3,3-trifluoropropyl)silane
Inchi:	InChI=1S/C3H4Cl3F3Si/c4-10(5,6)2-1-3(7,8)9/h1-2H2
InchiKey:	WEUBQNJHVBMUMD-UHFFFAOYSA-N
Formula:	C3H4Cl3F3Si
SMILES:	FC(F)(F)CC[Si](Cl)(Cl)Cl
Mol. weight [g/mol]:	231.50
CAS:	592-09-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.42		Crippen Method
logp	3.594		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C592096&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/81-280-1/Silane-trichloro-3-3-3-trifluoropropyl.pdf>

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