

Octyltrichlorosilane

Other names:	Trichloro(octyl)silane n-Octyltrichlorosilane Silane, trichlorooctyl- Silane, octyltrichloro- UN 1801 CO9830
Inchi:	InChI=1S/C8H17Cl3Si/c1-2-3-4-5-6-7-8-12(9,10)11/h2-8H2,1H3
InchiKey:	RCHUVCPBWWSUMC-UHFFFAOYSA-N
Formula:	C8H17Cl3Si
SMILES:	CCCCCCCC[Si](Cl)(Cl)Cl
Mol. weight [g/mol]:	247.66
CAS:	5283-66-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.85		Crippen Method
logp	5.002		Crippen Method
tb	498.00	K	NIST Webbook
tb	498.00 ± 1.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5283669&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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