Silane, chlorodimethyloctyl-

Other names:	Octyldimethylchlorosilane
	Chlorodimethyloctylsilane
	Dimethyloctylchlorosilane
	n-Octyldimethylchlorosilane
	Dimethyl-n-octylchlorosilane
	Dimethyloctylsilyl chloride
	CO9819
Inchi:	InChI=1S/C10H23ClSi/c1-4-5-6-7-8-9-10-12(2,3)11/h4-10H2,1-3H3
InchiKey:	DBKNGKYVNBJWHL-UHFFFAOYSA-N
Formula:	C10H23ClSi
SMILES:	CCCCCCCC[Si](C)(C)Cl
Mol. weight [g/mol]:	206.83
CAS:	18162-84-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	4.791		Crippen Method
tb	496.50 ± 1.50	K	NIST Webbook

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=C18162840&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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https://www.chemeo.com/cid/23-144-6/Silane-chlorodimethyloctyl.pdf

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