

Dimethylhexylsilyl chloride

Other names: Hexyldimethylchlorosilane
Inchi: InChI=1S/C8H19ClSi/c1-7(2)8(3,4)10(5,6)9/h7H,1-6H3
InchiKey: KIGALSBMRYLJ-UHFFFAOYSA-N
Formula: C8H19ClSi
SMILES: CC(C)C(C)(C)[Si](C)(C)Cl
Mol. weight [g/mol]: 178.78
CAS: 67373-56-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	3.866		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	328.50 ± 0.50	K	1.30	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=C67373562&Units=SI>

Legend

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

tbrp: Boiling point at reduced pressure

Latest version available from:

<https://www.chemeo.com/cid/52-750-1/Dimethylhexylsilyl-chloride.pdf>

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