

N-butyl chlorodimethyl silane

Other names:	Silane, n-butylchlorodimethyl-, Silane, butylchlorodimethyl- T-butyl dimethylsilylchloride N-Butyldimethylchlorosilane
Inchi:	InChI=1S/C6H15ClSi/c1-4-5-6-8(2,3)7/h4-6H2,1-3H3
InchiKey:	MXOSTENCGSDMRE-UHFFFAOYSA-N
Formula:	C6H15ClSi
SMILES:	CCCC[Si](C)(C)Cl
Mol. weight [g/mol]:	150.72
CAS:	1000-50-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	3.230		Crippen Method
tb	411.00	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=C1000506&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/68-830-5/N-butyl-chlorodimethyl-silane.pdf>

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