

Dibutyldichlorosilane

Other names:	Silane, dibutyldichloro- Dichlorodibutylsilane
Inchi:	InChI=1S/C8H18Cl2Si/c1-3-5-7-11(9,10)8-6-4-2/h3-8H2,1-2H3
InchiKey:	NJKDOKBDBHYMAH-UHFFFAOYSA-N
Formula:	C8H18Cl2Si
SMILES:	CCCC[Si](Cl)(Cl)CCCC
Mol. weight [g/mol]:	213.22
CAS:	3449-28-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.11		Crippen Method
logp	4.506		Crippen Method
rinpol	990.00		NIST Webbook
rinpol	971.00		NIST Webbook
rinpol	990.00		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=C3449283&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/55-577-1/Dibutyldichlorosilane.pdf>

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