

Silane, chlorodimethyl(tert-butyl)-

Inchi: InChI=1S/C6H15ClSi/c1-6(2,3)8(4,5)7/h1-5H3
InchiKey: BCNZYOJHNLNEZ-UHFFFAOYSA-N
Formula: C6H15ClSi
SMILES: CC(C)(C)[Si](C)(C)Cl
Mol. weight [g/mol]: 150.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.54		Crippen Method
logp	3.230		Crippen Method
rinpol	729.00		NIST Webbook
rinpol	729.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U142773&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/80-905-8/Silane-chlorodimethyl-tert-butyl.pdf>

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