

Silane, chloromethyl, methyl, di-tert.-butoxy

Inchi: InChI=1S/C10H23ClO2Si/c1-9(2,3)12-14(7,8-11)13-10(4,5)6/h8H2,1-7H3
InchiKey: CQCPZDIRVQWXEZ-UHFFFAOYSA-N
Formula: C10H23ClO2Si
SMILES: CC(C)(C)O[Si](C)(CCl)OC(C)(C)C
Mol. weight [g/mol]: 238.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	3.467		Crippen Method
rinpol	1150.00		NIST Webbook
rinpol	1150.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R311752&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/116-811-2/Silane-chloromethyl-methyl-di-tert-butoxy.pdf>

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