

Silane, chlorodiethyldecyloxy-

Inchi:	InChI=1S/C14H31ClOSi/c1-4-7-8-9-10-11-12-13-14-16-17(15,5-2)6-3/h4-14H2,1-3H3
InchiKey:	XZPZQVSDKANIRF-UHFFFAOYSA-N
Formula:	C14H31ClOSi
SMILES:	CCCCCCCCCO[Si](Cl)(CC)CC
Mol. weight [g/mol]:	278.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.56		Crippen Method
logp	5.865		Crippen Method
rinpol	1683.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363334&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/17-262-2/Silane-chlorodiethyldecyloxy.pdf>

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