

Silane, dimethyl(2-chloropropoxy)heptyloxy-

Inchi:	InChI=1S/C12H27ClO2Si/c1-5-6-7-8-9-10-14-16(3,4)15-11-12(2)13/h12H,5-11H2,1-4H3
InchiKey:	BUXQORSRSGDSJX-UHFFFAOYSA-N
Formula:	C12H27ClO2Si
SMILES:	CCCCCCCO[Si](C)(C)OCC(C)Cl
Mol. weight [g/mol]:	266.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.92		Crippen Method
logp	4.319		Crippen Method
rinpol	1460.00		NIST Webbook
rinpol	1460.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347644&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

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<https://www.cheméo.com/cid/56-730-9/Silane-dimethyl-2-chloropropoxy-heptyloxy.pdf>

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