

Silane

diethyl(2-chloro-5-methylphenoxy)octyloxy-

Inchi:	InChI=1S/C19H33ClO2Si/c1-5-8-9-10-11-12-15-21-23(6-2,7-3)22-19-16-17(4)13-14-18(1
InchiKey:	ILMPDFGFUVQMRL-UHFFFAOYSA-N
Formula:	C19H33ClO2Si
SMILES:	CCCCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1Cl
Mol. weight [g/mol]:	357.00

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.08		Crippen Method
logp	6.886		Crippen Method
rinpol	2159.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363408&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/37-090-1/Silane-diethyl-2-chloro-5-methylphenoxy-octyloxy.pdf>

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