

Silane, diethyloctyloxy(2,4,5-trichlorophenoxy)-

Inchi:	InChI=1S/C18H29Cl3O2Si/c1-4-7-8-9-10-11-12-22-24(5-2,6-3)23-18-14-16(20)15(19)13-
InchiKey:	ZFPSQCZEDADZLR-UHFFFAOYSA-N
Formula:	C18H29Cl3O2Si
SMILES:	CCCCCCCCO[Si](CC)(CC)Oc1cc(Cl)c(Cl)cc1Cl
Mol. weight [g/mol]:	411.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.97		Crippen Method
logp	7.885		Crippen Method
rinpol	2380.00		NIST Webbook
rinpol	2380.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363356&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/67-923-3/Silane-diethyloctyloxy-2-4-5-trichlorophenoxy.pdf>

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