

Silane, diethyl(2,4-dichlorophenoxy)dodecyloxy-

Inchi:	InChI=1S/C22H38Cl2O2Si/c1-4-7-8-9-10-11-12-13-14-15-18-25-27(5-2,6-3)26-22-17-16-
InchiKey:	GPKDPCBDAPTYPM-UHFFFAOYSA-N
Formula:	C22H38Cl2O2Si
SMILES:	CCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(Cl)cc1Cl
Mol. weight [g/mol]:	433.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.96		Crippen Method
logp	8.792		Crippen Method
rinpol	2659.00		NIST Webbook
rinpol	2659.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U363193&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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