Silane, dimethyl(dimethyl(2-chloro-5-methylphenoxy)sily

Inchi: InChI=1S/C18H24Cl2O3Si2/c1-13-7-9-15(19)17(11-13)21-24(3,4)23-25(5,6)22-18-12-14

InchiKey: UKSNJYVTFOMUON-UHFFFAOYSA-N

Formula: C18H24Cl2O3Si2

SMILES: Cc1ccc(Cl)c(O[Si](C)(C)O[Si](C)(C)Oc2cc(C)ccc2Cl)c1

Mol. weight [g/mol]: 415.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.87		Crippen Method
logp	6.488		Crippen Method
rinpol	2246.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347560&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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