Silane diethyl(2-chloro-5-methylphenoxy)undecyloxy-

Inchi: InChI=1S/C22H39ClO2Si/c1-5-8-9-10-11-12-13-14-15-18-24-26(6-2,7-3)25-22-19-20(4)1

InchiKey: UPAMFNHJGYENEU-UHFFFAOYSA-N

Formula: C22H39ClO2Si

SMILES: CCCCCCCCCCCO[Si](CC)(CC)Oc1cc(C)ccc1Cl

Mol. weight [g/mol]: 399.08

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.33		Crippen Method
logp	8.057		Crippen Method
rinpol	2453.00		NIST Webbook
rinpol	2453.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363411&Units=SI

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

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/34-282-1/Silane-diethyl-2-chloro-5-methylphenoxy-undecyloxy.pdf

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