Silane, diethyl(3-chlorophenoxy)hexadecyloxy-

Inchi: InChI=1S/C26H47ClO2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-19-23-28-30(5-2,6-3)2

InchiKey: QJTFTEYXSLIEQT-UHFFFAOYSA-N

Formula: C26H47ClO2Si

SMILES: CCCCCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc(Cl)c1

Mol. weight [g/mol]: 455.19

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.95		Crippen Method
logp	9.699		Crippen Method
rinpol	2895.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363841&Units=SI

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

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/22-559-7/Silane-diethyl-3-chlorophenoxy-hexadecyloxy.pdf

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