

Silane, (3-chlorophenoxy)dimethyl(decyloxydimethylsilyloxy)

Inchi: InChI=1S/C20H37ClO3Si2/c1-6-7-8-9-10-11-12-13-17-22-25(2,3)24-26(4,5)23-20-16-14-15-18-19
InchiKey: ZFBUCSHZDNKJQO-UHFFFAOYSA-N
Formula: C20H37ClO3Si2
SMILES: CCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 417.13

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.16		Crippen Method
logp	7.296		Crippen Method
rinpol	2256.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346897&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/56-663-4/Silane-3-chlorophenoxy-dimethyl-decyloxydimethylsilyloxy.pdf>

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