

Silane, (3-chlorophenoxy)dimethyloctadecyloxy-

Inchi: InChI=1S/C26H47ClO2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-23-28-30(2,3)2
InchiKey: BRIKLARWXSPAFP-UHFFFAOYSA-N
Formula: C26H47ClO2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)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	2948.00		NIST Webbook
rinpol	2948.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346888&Units=SI>

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/118-115-3/Silane-3-chlorophenoxy-dimethyloctadecyloxy.pdf>

Generated by Cheméo on 2024-04-29 05:49:22.389102942 +0000 UTC m=+16659011.309680258.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.