

Silane, dimethyl(dimethyl(2-chlorophenoxy)silyloxy)dodecyl

Inchi: InChI=1S/C22H41ClO3Si2/c1-6-7-8-9-10-11-12-13-14-17-20-24-27(2,3)26-28(4,5)25-22-
InchiKey: CYSKFEJKSFYGHV-UHFFFAOYSA-N
Formula: C22H41ClO3Si2
SMILES: CCCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1ccccc1Cl
Mol. weight [g/mol]: 445.18

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.00		Crippen Method
logp	8.076		Crippen Method
rinpol	2428.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347094&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/43-028-3/Silane-dimethyl-dimethyl-2-chlorophenoxy-silyloxy-dodecyl.pdf>

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