

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

Inchi: InChI=1S/C28H53ClO3Si2/c1-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-23-26-30-33(2)
InchiKey: MFRIMTZHVOCSDI-UHFFFAOYSA-N
Formula: C28H53ClO3Si2
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc1Cl
Mol. weight [g/mol]: 529.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.51		Crippen Method
logp	10.417		Crippen Method
rinpol	3018.00		NIST Webbook
rinpol	3018.00		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=U347095&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/122-409-2/Silane-dimethyl-dimethyl-2-chlorophenoxy-silyloxy-octadecyloxy.pdf>

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