

Silane, (3-chlorophenoxy)dimethylisobutoxy-

Inchi: InChI=1S/C12H19ClO2Si/c1-10(2)9-14-16(3,4)15-12-7-5-6-11(13)8-12/h5-8,10H,9H2,1-4
InchiKey: NAEUHWNELADTDM-UHFFFAOYSA-N
Formula: C12H19ClO2Si
SMILES: CC(C)CO[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 258.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.093		Crippen Method
rinpol	1502.00		NIST Webbook
rinpol	1502.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346876&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/114-642-2/Silane-3-chlorophenoxy-dimethylisobutoxy.pdf>

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