

Silane, diethyl(3-chlorophenoxy)isobutoxy-

Inchi: InChI=1S/C14H23ClO2Si/c1-5-18(6-2,16-11-12(3)4)17-14-9-7-8-13(15)10-14/h7-10,12H,
InchiKey: MNRNLMPYIKJEJP-UHFFFAOYSA-N
Formula: C14H23ClO2Si
SMILES: CC[Si](CC)(OCC(C)C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 286.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	4.873		Crippen Method
rinpol	1660.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363831&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/25-437-9/Silane-diethyl-3-chlorophenoxy-isobutoxy.pdf>

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