

Silane, diphenyl(2-chloropropoxy)isobutoxy-

Inchi: InChI=1S/C19H25ClO2Si/c1-16(2)14-21-23(22-15-17(3)20,18-10-6-4-7-11-18)19-12-8-5-
InchiKey: ZWJWQFYQGWCZAE-UHFFFAOYSA-N
Formula: C19H25ClO2Si
SMILES: CC(C)CO[Si](OCC(C)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 348.94

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.77		Crippen Method
logp	3.559		Crippen Method
rinpol	2096.00		NIST Webbook
rinpol	2096.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367544&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/14-151-8/Silane-diphenyl-2-chloropropoxy-isobutoxy.pdf>

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