

Silane, diphenyl(2,2-dichloroethoxy)isobutoxy-

Inchi: InChI=1S/C18H22Cl2O2Si/c1-15(2)13-21-23(22-14-18(19)20,16-9-5-3-6-10-16)17-11-7-4
InchiKey: VEJVLQNGHHXON-UHFFFAOYSA-N
Formula: C18H22Cl2O2Si
SMILES: CC(C)CO[Si](OCC(Cl)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 369.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.00		Crippen Method
logp	3.736		Crippen Method
rinpol	2167.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367571&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/24-712-4/Silane-diphenyl-2-2-dichloroethoxy-isobutoxy.pdf>

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