

Silane, diphenylbutoxy(2,2-dichloroethoxy)-

Inchi: InChI=1S/C18H22Cl2O2Si/c1-2-3-14-21-23(22-15-18(19)20,16-10-6-4-7-11-16)17-12-8-5
InchiKey: VAPLJFMSMBNCCW-UHFFFAOYSA-N
Formula: C18H22Cl2O2Si
SMILES: CCCCCO[Si](OCC(Cl)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 369.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.24		Crippen Method
logp	3.880		Crippen Method
rinpol	2220.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367572&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/66-417-6/Silane-diphenylbutoxy-2-2-dichloroethoxy.pdf>

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