

Silane, diphenyl(2-chloropropoxy)octyloxy-

Inchi: InChI=1S/C23H33ClO2Si/c1-3-4-5-6-7-14-19-25-27(26-20-21(2)24,22-15-10-8-11-16-22)
InchiKey: URQBDOUIUIQBOS-UHFFFAOYSA-N
Formula: C23H33ClO2Si
SMILES: CCCCCCO[Si](OCC(C)Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 405.05

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.69		Crippen Method
logp	5.264		Crippen Method
rinpol	2527.00		NIST Webbook
rinpol	2527.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367548&Units=SI>

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/36-134-3/Silane-diphenyl-2-chloropropoxy-octyloxy.pdf>

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