

Silane, diphenyl(2,4-dichlorophenoxy)heptyloxy-

Inchi: InChI=1S/C25H28Cl2O2Si/c1-2-3-4-5-12-19-28-30(22-13-8-6-9-14-22,23-15-10-7-11-16-17-18)/Si1
InchiKey: HOXAJNCDLZOZRT-UHFFFAOYSA-N
Formula: C₂₅H₂₈Cl₂O₂Si
SMILES: CCCCCCO[Si](Oc1ccc(Cl)cc1Cl)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 459.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.38		Crippen Method
logp	6.616		Crippen Method
rinpol	2925.00		NIST Webbook
rinpol	2925.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368068&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/48-922-5/Silane-diphenyl-2-4-dichlorophenoxy-heptyloxy.pdf>

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