

Silane, diphenyl(2-chloropropoxy)decyloxy-

Inchi: InChI=1S/C25H37ClO2Si/c1-3-4-5-6-7-8-9-16-21-27-29(28-22-23(2)26,24-17-12-10-13-14-15)/Si1
InchiKey: KBQBPXXPLVSSHM-UHFFFAOYSA-N
Formula: C₂₅H₃₇ClO₂Si
SMILES: CCCCCCCCCO[Si](OCC(C)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 433.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.52		Crippen Method
logp	6.044		Crippen Method
rinpol	2717.00		NIST Webbook
rinpol	2717.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367550&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/121-084-4/Silane-diphenyl-2-chloropropoxy-decyloxy.pdf>

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