

Silane, diphenyl(2-chloropropoxy)undecyloxy-

Inchi: InChI=1S/C26H39ClO2Si/c1-3-4-5-6-7-8-9-10-17-22-28-30(29-23-24(2)27,25-18-13-11-1
InchiKey: WMHLMVUBHRDPEI-UHFFFAOYSA-N
Formula: C26H39ClO2Si
SMILES: CCCCCCCCCCO[Si](OCC(C)Cl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 447.12

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.94		Crippen Method
logp	6.434		Crippen Method
rinpol	2815.00		NIST Webbook
rinpol	2815.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367551&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/91-445-7/Silane-diphenyl-2-chloropropoxy-undecyloxy.pdf>

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