

Silane, diphenyl(2-decyloxy)isohexyloxy-

Inchi: InChI=1S/C28H44O2Si/c1-5-6-7-8-9-12-19-26(4)30-31(27-20-13-10-14-21-27,28-22-15-16)23-24-25-26
InchiKey: IKFZMJIXONUEFV-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCC(C)O[Si](OCCCC(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.38		Crippen Method
logp	6.851		Crippen Method
rinpol	2627.00		NIST Webbook
rinpol	2627.00		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=U367584&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/40-904-3/Silane-diphenyl-2-decyloxy-isohehexyloxy.pdf>

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