

Silane, diphenyldecyloxy(3-methylpentylloxy)-

Inchi: InChI=1S/C28H44O2Si/c1-4-6-7-8-9-10-11-18-24-29-31(27-19-14-12-15-20-27,28-21-16)
InchiKey: QJPXNHWHGOLSDK-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCO[Si](OCCC(C)CC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.27		Crippen Method
logp	6.853		Crippen Method
rinpol	2738.00		NIST Webbook
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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=U367787&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/61-127-3/Silane-diphenyldecyloxy-3-methylpentylloxy.pdf>

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