

Silane, diphenyldecyloxy(hex-2-yloxy)-

Inchi: InChI=1S/C28H44O2Si/c1-4-6-8-9-10-11-12-19-25-29-31(27-21-15-13-16-22-27,28-23-1
InchiKey: ZEJLOMRAPAKHHS-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCCO[Si](OC(C)CCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.63		Crippen Method
logp	6.996		Crippen Method
rinpol	2678.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367698&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/50-377-8/Silane-diphenyldecyloxy-hex-2-yloxy.pdf>

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