

Silane, diphenyldecyloxy(hex-3-yloxy)-

Inchi: InChI=1S/C28H44O2Si/c1-4-7-8-9-10-11-12-19-25-29-31(27-21-15-13-16-22-27,28-23-1
InchiKey: AGBPVFBYGOLCLX-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCO[Si](OC(CC)CCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.63		Crippen Method
logp	6.996		Crippen Method
rinpol	2668.00		NIST Webbook
rinpol	2668.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367616&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/19-393-5/Silane-diphenyldecyloxy-hex-3-yloxy.pdf>

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