

Silane, diphenyl(2-decyloxy)octyloxy-

Inchi: InChI=1S/C30H48O2Si/c1-4-6-8-10-12-16-22-28(3)32-33(29-23-17-14-18-24-29,30-25-1
InchiKey: BVLZYDLNAVFNGS-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCO[Si](OC(C)CCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.46		Crippen Method
logp	7.776		Crippen Method
rinpol	2843.00		NIST Webbook
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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=U367587&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/11-538-2/Silane-diphenyl-2-decyloxy-octyloxy.pdf>

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