

Silane, diphenyldecyloxy(2-decyloxy)-

Inchi: InChI=1S/C32H52O2Si/c1-4-6-8-10-12-13-15-23-29-33-35(31-25-19-16-20-26-31,32-27-
InchiKey: BETGRWMLGNBPAB-UHFFFAOYSA-N
Formula: C32H52O2Si
SMILES: CCCCCCCCCO[Si](OC(C)CCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.30		Crippen Method
logp	8.556		Crippen Method
rinpol	3041.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367588&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.cheméo.com/cid/10-781-3/Silane-diphenyldecyloxy-2-decyloxy.pdf>

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