

Silane, diphenyldi(2-decyloxy)-

Inchi:	InChI=1S/C32H52O2Si/c1-5-7-9-11-13-17-23-29(3)33-35(31-25-19-15-20-26-31,32-27-2
InchiKey:	QXXAGSSYWAVUDK-UHFFFAOYSA-N
Formula:	C32H52O2Si
SMILES:	CCCCCCCC(C)O[Si](OC(C)CCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]:	496.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.41		Crippen Method
logp	8.554		Crippen Method
rinpol	2930.00		NIST Webbook

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=U367592&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/24-475-8/Silane-diphenyldi-2-decyloxy.pdf>

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