

Silane, diphenyl(2-ethoxyethoxy)hexadecyloxy-

Inchi: InChI=1S/C32H52O3Si/c1-3-5-6-7-8-9-10-11-12-13-14-15-16-23-28-34-36(35-30-29-33-4)
InchiKey: OIRGIDYHWNRJCF-UHFFFAOYSA-N
Formula: C32H52O3Si
SMILES: CCCCCCCCCCCCCCO[Si](OCCOCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 512.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.28		Crippen Method
logp	7.794		Crippen Method
rinpol	3303.00		NIST Webbook
rinpol	3303.00		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=U367670&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/86-201-3/Silane-diphenyl-2-ethoxyethoxy-hexadecyloxy.pdf>

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