

Silane, diphenyl(3-ethylphenoxy)undecyloxy-

Inchi: InChI=1S/C31H42O2Si/c1-3-5-6-7-8-9-10-11-18-26-32-34(30-22-14-12-15-23-30,31-24-1
InchiKey: ZJVQCOHMHUUWIG-UHFFFAOYSA-N
Formula: C31H42O2Si
SMILES: CCCCCCCCCCO[Si](Oc1cccc(CC)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 474.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.49		Crippen Method
logp	7.432		Crippen Method
rinpol	3155.00		NIST Webbook
rinpol	3155.00		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=U367463&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/73-599-7/Silane-diphenyl-3-ethylphenoxy-undecyloxy.pdf>

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