

Silane, diphenyl(2-ethoxyethoxy)undecyloxy-

Inchi: InChI=1S/C27H42O3Si/c1-3-5-6-7-8-9-10-11-18-23-29-31(30-25-24-28-4-2,26-19-14-12-
InchiKey: LZWXYJGNKFJAA-UHFFFAOYSA-N
Formula: C27H42O3Si
SMILES: CCCCCCCCCCO[Si](OCCOCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 442.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.18		Crippen Method
logp	5.844		Crippen Method
rinpol	2781.00		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=U367668&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/36-162-2/Silane-diphenyl-2-ethoxyethoxy-undecyloxy.pdf>

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