

Silane, diethyl(4-phenylphenoxy)undecyloxy-

Inchi: InChI=1S/C27H42O2Si/c1-4-7-8-9-10-11-12-13-17-24-28-30(5-2,6-3)29-27-22-20-26(21-
InchiKey: VKMYGNZYRJHHOP-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.77		Crippen Method
logp	8.762		Crippen Method
rinpol	2964.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363395&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/41-875-5/Silane-diethyl-4-phenylphenoxy-undecyloxy.pdf>

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