

Silane, diphenyl(4-nitrophenoxy)undecyloxy-

Inchi: InChI=1S/C29H37NO4Si/c1-2-3-4-5-6-7-8-9-16-25-33-35(28-17-12-10-13-18-28,29-19-14-15-11-12)/s1
InchiKey: QJFMEDVJWHSDQI-UHFFFAOYSA-N
Formula: C29H37NO4Si
SMILES: CCCCCCCCCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 491.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.33		Crippen Method
logp	6.778		Crippen Method
rinpol	3455.00		NIST Webbook
rinpol	3455.00		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=U367493&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/79-998-8/Silane-diphenyl-4-nitrophenoxy-undecyloxy.pdf>

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