

Silane, diphenyldecyloxy(3-nitrophenoxy)-

Inchi: InChI=1S/C28H35NO4Si/c1-2-3-4-5-6-7-8-15-23-32-34(27-19-11-9-12-20-27,28-21-13-10)/s1
InchiKey: YHHUHHXIAZAKSD-UHFFFAOYSA-N
Formula: C28H35NO4Si
SMILES: CCCCCCCCCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 477.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.92		Crippen Method
logp	6.387		Crippen Method
rinpol	3316.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367877&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/63-556-5/Silane-diphenyldecyloxy-3-nitrophenoxy.pdf>

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