

Silane, diphenylisohexyloxy(4-nitrophenoxy)-

Inchi: InChI=1S/C24H27NO4Si/c1-20(2)10-9-19-28-30(23-11-5-3-6-12-23,24-13-7-4-8-14-24)2
InchiKey: QIGHOXUEJAHZRG-UHFFFAOYSA-N
Formula: C24H27NO4Si
SMILES: CC(C)CCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 421.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.00		Crippen Method
logp	4.683		Crippen Method
rinpol	2890.00		NIST Webbook
rinpol	2890.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367488&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/46-279-2/Silane-diphenylisohexyloxy-4-nitrophenoxy.pdf>

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