

Silane, diphenyl(3-nitrophenoxy)propoxy-

Inchi: InChI=1S/C21H21NO4Si/c1-2-16-25-27(20-12-5-3-6-13-20,21-14-7-4-8-15-21)26-19-11-5
InchiKey: WUCAYCDGXRCNPZ-UHFFFAOYSA-N
Formula: C21H21NO4Si
SMILES: CCCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 379.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.99		Crippen Method
logp	3.657		Crippen Method
rinpol	2653.00		NIST Webbook
rinpol	2653.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367871&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/11-384-3/Silane-diphenyl-3-nitrophenoxy-propoxy.pdf>

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