

Silane, diphenyl(3-nitrophenoxy)nonyloxy-

Inchi: InChI=1S/C27H33NO4Si/c1-2-3-4-5-6-7-14-22-31-33(26-18-10-8-11-19-26,27-20-12-9-10)/
InchiKey: GUNAZBKUAVXCCC-UHFFFAOYSA-N
Formula: C27H33NO4Si
SMILES: CCCCCCCCCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 463.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.50		Crippen Method
logp	5.997		Crippen Method
rinpol	3217.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367876&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/91-402-4/Silane-diphenyl-3-nitrophenoxy-nonyloxy.pdf>

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