

Silane, dimethyl(2-nitrophenoxy)propoxy-

Inchi:	InChI=1S/C11H17NO4Si/c1-4-9-15-17(2,3)16-11-8-6-5-7-10(11)12(13)14/h5-8H,4,9H2,1
InchiKey:	VLFFVYKYXWEJHT-UHFFFAOYSA-N
Formula:	C11H17NO4Si
SMILES:	CCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]
Mol. weight [g/mol]:	255.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.102		Crippen Method
rinpol	1609.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347227&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/64-515-9/Silane-dimethyl-2-nitrophenoxy-propoxy.pdf>

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