

Silane, dimethyl(4-nitrophenoxy)isobutoxy-

Inchi:	InChI=1S/C12H19NO4Si/c1-10(2)9-16-18(3,4)17-12-7-5-11(6-8-12)13(14)15/h5-8,10H,9
InchiKey:	BWAZXCSDWORRGH-UHFFFAOYSA-N
Formula:	C12H19NO4Si
SMILES:	CC(C)CO[Si](C)(C)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]:	269.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.81		Crippen Method
logp	3.348		Crippen Method
rinpol	1786.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U347158&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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