

Silane, trimethyl(3-nitrophenoxy)-

Other names:	Silane, trimethyl(m-nitrophenoxy)- 3-Nitrophenyl trimethylsilyl ether 3-Nitrophenol, trimethylsilyl ether 3-Nitrophenol, tms derivative
Inchi:	InChI=1S/C9H13NO3Si/c1-14(2,3)13-9-6-4-5-8(7-9)10(11)12/h4-7H,1-3H3
InchiKey:	FNJLHDKEJZGPPY-UHFFFAOYSA-N
Formula:	C9H13NO3Si
SMILES:	C[Si](C)(C)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]:	211.29
CAS:	34038-80-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	2.808		Crippen Method
rinpol	1445.60		NIST Webbook
rinpol	1445.60		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C34038807&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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