

Silane, trimethyl(4-nitrophenoxy)-

Other names:	p-Trimethylsiloxynitrobenzene Silane, trimethyl(p-nitrophenoxy)- Trimethylsilyl p-nitrophenyl ether Trimethyl(p-nitrophenoxy)silane p-Nitrophenoxytrimethylsilane 4-Nitro(trimethylsiloxy)benzene 4-Nitro-1-trimethylsilyloxybenzene 4-Nitrophenol, trimethylsilyl ether trimethyl(4-nitrophenoxy)silane 4-Nitrophenol, tms derivative
Inchi:	InChI=1S/C9H13NO3Si/c1-14(2,3)13-9-6-4-8(5-7-9)10(11)12/h4-7H,1-3H3
InchiKey:	OJKNCYVKEUNYAX-UHFFFAOYSA-N
Formula:	C9H13NO3Si
SMILES:	C[Si](C)(C)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]:	211.29
CAS:	1014-66-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	2.808		Crippen Method
rinpol	1520.30		NIST Webbook
rinpol	1485.00		NIST Webbook
rinpol	1520.30		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1014660&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.cheméo.com/cid/58-697-5/Silane-trimethyl-4-nitrophenoxy.pdf>

Generated by Cheméo on 2024-04-29 09:38:27.218496348 +0000 UTC m=+16672756.139073663.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.