Silane, dimethyl(4-nitrophenoxy)propoxy-

Inchi: InChI=1S/C11H17NO4Si/c1-4-9-15-17(2,3)16-11-7-5-10(6-8-11)12(13)14/h5-8H,4,9H2,1
InchiKey: LZJKRTNWNSMWNX-UHFFFAOYSA-N
Formula: C11H17NO4Si
SMILES: CCCO[Si](C)(C)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 255.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.102		Crippen Method
rinpol	1738.00		NIST Webbook
rinpol	1738.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347157&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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