Silane, dimethyldi(3-nitrophenoxy)-

Inchi: InChI=1S/C14H14N2O6Si/c1-23(2,21-13-7-3-5-11(9-13)15(17)18)22-14-8-4-6-12(10-14)
InchiKey: HGAQSDSIFJVIFX-UHFFFAOYSA-N
Formula: C14H14N2O6Si
SMILES: C[Si](C)(Oc1cccc([N+](=O)[O-])c1)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 334.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	3.663		Crippen Method
rinpol	2571.00		NIST Webbook
rinpol	2571.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347419&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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