Silane, dimethyl(2-nitrophenoxy)octyloxy-

Inchi: InChI=1S/C16H27NO4Si/c1-4-5-6-7-8-11-14-20-22(2,3)21-16-13-10-9-12-15(16)17(18)19

InchiKey: SKKJGOZSBIBIFW-UHFFFAOYSA-N

Formula: C16H27NO4Si

SMILES: CCCCCCCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]

Mol. weight [g/mol]: 325.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.73		Crippen Method
logp	5.052		Crippen Method
rinpol	2110.00		NIST Webbook
rinpol	2110.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347234&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices