Silane, dimethyl(dimethyl(2-nitrophenoxy)silyloxy)(2-nitr

Inchi: InChI=1S/C16H20N2O7Si2/c1-26(2,23-15-11-7-5-9-13(15)17(19)20)25-27(3,4)24-16-12-

InchiKey: BFIJKPJCNANSLX-UHFFFAOYSA-N

Formula: C16H20N2O7Si2

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

Mol. weight [g/mol]: 408.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.381		Crippen Method
rinpol	2540.00		NIST Webbook
rinpol	2540.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347242&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