

Silane, dimethyl(dimethyl(3-nitrophenoxy)silyloxy)(3-nitro

Inchi: InChI=1S/C16H20N2O7Si2/c1-26(2,23-15-9-5-7-13(11-15)17(19)20)25-27(3,4)24-16-10-
InchiKey: WNFTVUXENURULE-UHFFFAOYSA-N
Formula: C16H20N2O7Si2
SMILES: C[Si](C)(Oc1cccc([N+](=O)[O-])c1)O[Si](C)(C)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 408.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.381		Crippen Method
rinpol	2656.00		NIST Webbook
rinpol	2656.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347420&Units=SI>

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.chemeo.com/cid/68-846-8/Silane-dimethyl-dimethyl-3-nitrophenoxy-silyloxy-3-nitrophenoxy.pdf>

Generated by Cheméo on 2024-04-19 01:50:14.204111445 +0000 UTC m=+15780663.124688758.

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