

Silane, dimethyl(2-nitrophenoxy)nonyloxy-

Inchi: InChI=1S/C17H29NO4Si/c1-4-5-6-7-8-9-12-15-21-23(2,3)22-17-14-11-10-13-16(17)18(19)20
InchiKey: MKXHACHCLTTXKG-UHFFFAOYSA-N
Formula: C17H29NO4Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]
Mol. weight [g/mol]: 339.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.15		Crippen Method
logp	5.443		Crippen Method
rinpol	2200.00		NIST Webbook
rinpol	2200.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347235&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

Latest version available from:

<https://www.chemeo.com/cid/114-695-4/Silane-dimethyl-2-nitrophenoxy-nonyloxy.pdf>

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