

Silane, dimethyl(2-nitrophenoxy)pentyl-oxo-

Inchi: InChI=1S/C13H21NO4Si/c1-4-5-8-11-17-19(2,3)18-13-10-7-6-9-12(13)14(15)16/h6-7,9-11
InchiKey: BWSAFAVATPDDIO-UHFFFAOYSA-N
Formula: C13H21NO4Si
SMILES: CCCCCO[Si](C)(C)Oc1cccc1[N+](=O)[O-]
Mol. weight [g/mol]: 283.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	3.882		Crippen Method
rinpol	1818.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347230&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/42-116-6/Silane-dimethyl-2-nitrophenoxy-pentyl-oxo-.pdf>

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