

Silane, dimethyl(2-nitrophenoxy)hexyloxy-

Inchi: InChI=1S/C14H23NO4Si/c1-4-5-6-9-12-18-20(2,3)19-14-11-8-7-10-13(14)15(16)17/h7-8,
InchiKey: UOPRLIWRIRJZFZ-UHFFFAOYSA-N
Formula: C14H23NO4Si
SMILES: CCCCCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]
Mol. weight [g/mol]: 297.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.89		Crippen Method
logp	4.272		Crippen Method
rinpol	1918.00		NIST Webbook
rinpol	1918.00		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=U347232&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/41-506-4/Silane-dimethyl-2-nitrophenoxy-hexyloxy.pdf>

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