

Silane, dimethyl(2-nitrophenoxy)isobutoxy-

Inchi: InChI=1S/C12H19NO4Si/c1-10(2)9-16-18(3,4)17-12-8-6-5-7-11(12)13(14)15/h5-8,10H,9
InchiKey: FGWHUOFNPLLONR-UHFFFAOYSA-N
Formula: C12H19NO4Si
SMILES: CC(C)CO[Si](C)(C)Oc1cccc1[N+](=O)[O-]
Mol. weight [g/mol]: 269.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.81		Crippen Method
logp	3.348		Crippen Method
rinpol	1660.00		NIST Webbook
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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=U347228&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/25-381-1/Silane-dimethyl-2-nitrophenoxy-isobutoxy.pdf>

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