

Silane, dimethyldi(2-nitrophenoxy)-

Inchi: InChI=1S/C14H14N2O6Si/c1-23(2,21-13-9-5-3-7-11(13)15(17)18)22-14-10-6-4-8-12(14)
InchiKey: PXWKKHSYEMJCDQ-UHFFFAOYSA-N
Formula: C14H14N2O6Si
SMILES: C[Si](C)(Oc1cccc1[N+](=O)[O-])Oc1cccc1[N+](=O)[O-]
Mol. weight [g/mol]: 334.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.29		Crippen Method
logp	3.663		Crippen Method
rinpol	2376.00		NIST Webbook
rinpol	2376.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347241&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/122-433-5/Silane-dimethyldi-2-nitrophenoxy.pdf>

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