

Silane, dimethyl(2-nitrophenoxy)decyloxy-

Inchi: InChI=1S/C18H31NO4Si/c1-4-5-6-7-8-9-10-13-16-22-24(2,3)23-18-15-12-11-14-17(18)1
InchiKey: JIRGBHRXNILKFR-UHFFFAOYSA-N
Formula: C18H31NO4Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1cccc1[N+](=O)[O-]
Mol. weight [g/mol]: 353.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.57		Crippen Method
logp	5.833		Crippen Method
rinpol	2307.00		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=U347236&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/23-768-4/Silane-dimethyl-2-nitrophenoxy-decyloxy.pdf>

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