

Silane, dimethyl(2-nitrophenoxy)undecyloxy-

Inchi: InChI=1S/C19H33NO4Si/c1-4-5-6-7-8-9-10-11-14-17-23-25(2,3)24-19-16-13-12-15-18(1)
InchiKey: BSXQVKYQWVQIHP-UHFFFAOYSA-N
Formula: C19H33NO4Si
SMILES: CCCCCCCCCCO[Si](C)(C)Oc1cccc1[N+](=O)[O-]
Mol. weight [g/mol]: 367.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.99		Crippen Method
logp	6.223		Crippen Method
rinpol	3419.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347237&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/12-200-5/Silane-dimethyl-2-nitrophenoxy-undecyloxy.pdf>

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