

Silane, dimethyl(2-nitrophenoxy)pentadecyloxy-

Inchi: InChI=1S/C23H41NO4Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-18-21-27-29(2,3)28-23-20-1
InchiKey: FPQFCOZCXWHKEN-UHFFFAOYSA-N
Formula: C23H41NO4Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1ccccc1[N+](=O)[O-]
Mol. weight [g/mol]: 423.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	7.783		Crippen Method
rinpol	2826.00		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=U347240&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/114-407-3/Silane-dimethyl-2-nitrophenoxy-pentadecyloxy.pdf>

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