

Silane, diethyl(3-nitrophenoxy)pentadecyloxy-

Inchi: InChI=1S/C25H45NO4Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-18-22-29-31(5-2,6-3)30-2
InchiKey: IJXXSFYQTSXPLD-UHFFFAOYSA-N
Formula: C25H45NO4Si
SMILES: CCCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 451.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.50		Crippen Method
logp	8.563		Crippen Method
rinpol	3047.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363237&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/59-339-1/Silane-diethyl-3-nitrophenoxy-pentadecyloxy.pdf>

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