

Silane, diethyl(4-nitrophenoxy)undecyloxy-

Inchi: InChI=1S/C21H37NO4Si/c1-4-7-8-9-10-11-12-13-14-19-25-27(5-2,6-3)26-21-17-15-20(18-22)
InchiKey: IHRRLTCKMKEVLG-UHFFFAOYSA-N
Formula: C21H37NO4Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 395.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	7.003		Crippen Method
rinpol	2718.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363793&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/14-380-4/Silane-diethyl-4-nitrophenoxy-undecyloxy.pdf>

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