

Silane, diethyldodecyloxy(3-nitrophenoxy)-

Inchi: InChI=1S/C22H39NO4Si/c1-4-7-8-9-10-11-12-13-14-15-19-26-28(5-2,6-3)27-22-18-16-1
InchiKey: WSZLHBDIFSQSGCF-UHFFFAOYSA-N
Formula: C22H39NO4Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 409.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.24		Crippen Method
logp	7.393		Crippen Method
rinpol	2739.00		NIST Webbook
rinpol	2739.00		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=U363234&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/65-992-9/Silane-diethyldodecyloxy-3-nitrophenoxy.pdf>

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