

Silane, diethyl(3-nitrophenoxy)tridecyloxy-

Inchi: InChI=1S/C23H41NO4Si/c1-4-7-8-9-10-11-12-13-14-15-16-20-27-29(5-2,6-3)28-23-19-1
InchiKey: VPSJPUUONAAHNO-UHFFFAOYSA-N
Formula: C23H41NO4Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 423.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.66		Crippen Method
logp	7.783		Crippen Method
rinpol	2832.00		NIST Webbook
rinpol	2832.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363235&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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/13-069-1/Silane-diethyl-3-nitrophenoxy-tridecyloxy.pdf>

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