

Silane, diethylheptyloxy(3-nitrophenoxy)-

Inchi: InChI=1S/C17H29NO4Si/c1-4-7-8-9-10-14-21-23(5-2,6-3)22-17-13-11-12-16(15-17)18(19-20)
InchiKey: VVRWQXCXXBNOQT-UHFFFAOYSA-N
Formula: C17H29NO4Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 339.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.15		Crippen Method
logp	5.443		Crippen Method
rinpol	2209.00		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=U363593&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/39-109-8/Silane-diethylheptyloxy-3-nitrophenoxy.pdf>

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