

Silane, diphenyl(3-nitrophenoxy)octyloxy-

Inchi: InChI=1S/C26H31NO4Si/c1-2-3-4-5-6-13-21-30-32(25-17-9-7-10-18-25,26-19-11-8-12-20)/1
InchiKey: SKZOJCCDBXRJEO-UHFFFAOYSA-N
Formula: C26H31NO4Si
SMILES: CCCCCCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 449.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.08		Crippen Method
logp	5.607		Crippen Method
rinpol	3118.00		NIST Webbook
rinpol	3118.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367875&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/91-462-8/Silane-diphenyl-3-nitrophenoxy-octyloxy.pdf>

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