

Silane, diphenylhexyloxy(4-nitrophenoxy)-

Inchi: InChI=1S/C24H27NO4Si/c1-2-3-4-11-20-28-30(23-12-7-5-8-13-23,24-14-9-6-10-15-24)2
InchiKey: ZHLMZNSQSCJJWHW-UHFFFAOYSA-N
Formula: C24H27NO4Si
SMILES: CCCCCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 421.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.24		Crippen Method
logp	4.827		Crippen Method
rinpol	2939.00		NIST Webbook
rinpol	2939.00		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=U367489&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/15-960-9/Silane-diphenylhexyloxy-4-nitrophenoxy.pdf>

Generated by Cheméo on 2024-04-26 19:46:47.869876829 +0000 UTC m=+16450056.790454142.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.