

Silane, diphenylheptyloxy(4-nitrophenoxy)-

Inchi: InChI=1S/C25H29NO4Si/c1-2-3-4-5-12-21-29-31(24-13-8-6-9-14-24,25-15-10-7-11-16-20)
InchiKey: ZFXACMSUONOKRI-UHFFFAOYSA-N
Formula: C25H29NO4Si
SMILES: CCCCCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 435.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.66		Crippen Method
logp	5.217		Crippen Method
rinpol	3040.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367490&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/16-920-2/Silane-diphenylheptyloxy-4-nitrophenoxy.pdf>

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