

Silane, diphenyl(4-nitrophenoxy)propoxy-

Inchi: InChI=1S/C21H21NO4Si/c1-2-17-25-27(20-9-5-3-6-10-20,21-11-7-4-8-12-21)26-19-15-1
InchiKey: JXAXKNUWPBLEAO-UHFFFAOYSA-N
Formula: C21H21NO4Si
SMILES: CCCO[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 379.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.99		Crippen Method
logp	3.657		Crippen Method
rinpol	2670.00		NIST Webbook
rinpol	2670.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367484&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/59-389-6/Silane-diphenyl-4-nitrophenoxy-propoxy.pdf>

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