

Silane, diphenyldi(3-nitrophenoxy)-

Inchi: InChI=1S/C24H18N2O6Si/c27-25(28)19-9-7-11-21(17-19)31-33(23-13-3-1-4-14-23,24-15)
InchiKey: UVJBAYWEAWXHQW-UHFFFAOYSA-N
Formula: C24H18N2O6Si
SMILES: O=[N+](O)c1cccc(O[Si](Oc2cccc([N+](=O)[O-])c2)(c2ccccc2)c2ccccc2)c1
Mol. weight [g/mol]: 458.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.64		Crippen Method
logp	4.217		Crippen Method
rinpol	3526.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367878&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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