

Silane, diphenylbutoxy(3-nitrophenoxy)-

Inchi: InChI=1S/C22H23NO4Si/c1-2-3-17-26-28(21-13-6-4-7-14-21,22-15-8-5-9-16-22)27-20-1
InchiKey: KLGUSLNUKSHWAZ-UHFFFAOYSA-N
Formula: C22H23NO4Si
SMILES: CCCCCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 393.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.40		Crippen Method
logp	4.047		Crippen Method
rinpol	2728.00		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=U367873&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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