

Silane, diphenylethoxy(3-nitrophenoxy)-

Inchi: InChI=1S/C20H19NO4Si/c1-2-24-26(19-12-5-3-6-13-19,20-14-7-4-8-15-20)25-18-11-9-10
InchiKey: JNPFMDZMGLXOBY-UHFFFAOYSA-N
Formula: C20H19NO4Si
SMILES: CCO[Si](Oc1cccc([N+](=O)[O-])c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 365.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.57		Crippen Method
logp	3.267		Crippen Method
rinpol	2591.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367870&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/69-078-0/Silane-diphenylethoxy-3-nitrophenoxy.pdf>

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