

1-Diphenylvinylsilyloxy-4-nitrobenzene

Inchi:	InChI=1S/C20H17NO3Si/c1-2-25(19-9-5-3-6-10-19,20-11-7-4-8-12-20)24-18-15-13-17(14-16)
InchiKey:	PBJHTDMBJPUXAE-UHFFFAOYSA-N
Formula:	C20H17NO3Si
SMILES:	C=C[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	347.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.84		Crippen Method
logp	3.459		Crippen Method
rinpol	2260.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U307860&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

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<https://www.chemeo.com/cid/32-370-5/1-Diphenylvinylsilyloxy-4-nitrobenzene.pdf>

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