

1-Diphenylmethylsilyloxy-4-nitrobenzene

Inchi: InChI=1S/C19H17NO3Si/c1-24(18-8-4-2-5-9-18,19-10-6-3-7-11-19)23-17-14-12-16(13-14)
InchiKey: JVVWJGDGIYVJTJI-UHFFFAOYSA-N
Formula: C19H17NO3Si
SMILES: C[Si](Oc1ccc([N+](=O)[O-])cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 335.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.48		Crippen Method
logp	3.363		Crippen Method
rinpol	2591.00		NIST Webbook
rinpol	2591.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307878&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/99-680-8/1-Diphenylmethylsilyloxy-4-nitrobenzene.pdf>

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