

1-Cyclohexyldimethylsilyloxy-1-nitrobenzene

Inchi: InChI=1S/C14H21NO3Si/c1-19(2,14-6-4-3-5-7-14)18-13-10-8-12(9-11-13)15(16)17/h8-1
InchiKey: KZFSHHSXHRIRGA-UHFFFAOYSA-N
Formula: C14H21NO3Si
SMILES: C[Si](C)(Oc1ccc([N+](=O)[O-])cc1)C1CCCCC1
Mol. weight [g/mol]: 279.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.12		Crippen Method
logp	4.513		Crippen Method
rinpol	2089.00		NIST Webbook
rinpol	2089.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307886&Units=SI>

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/115-380-2/1-Cyclohexyldimethylsilyloxy-1-nitrobenzene.pdf>

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