

(E)-N-Trimethylsilyloxy-1-(4-methoxy-3-nitrophenyl)-ethanimine

Inchi: InChI=1S/C12H18N2O4Si/c1-9(13-18-19(3,4)5)10-6-7-12(17-2)11(8-10)14(15)16/h6-8H,
InchiKey: ALVFAQSEBKCUHX-UHFFFAOYSA-N
Formula: C12H18N2O4Si
SMILES: COc1ccc(C(C)=NO[Si](C)(C)C)cc1[N+](=O)[O-]
Mol. weight [g/mol]: 282.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.70		Crippen Method
logp	3.179		Crippen Method
rinpol	2041.00		NIST Webbook
rinpol	2041.00		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=U373423&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/39-316-8/E-N-Trimethylsilyloxy-1-4-methoxy-3-nitrophenyl-ethanimine.pdf>

Generated by Cheméo on 2024-04-26 08:23:22.134791008 +0000 UTC m=+16409051.055368324.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.