

(Z)-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,12H2,11H
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	1881.00		NIST Webbook
rinpol	1881.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373422&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/57-792-0/Z-N-Trimethylsilyloxy-1-4-methoxy-3-nitrophenyl-ethanimine.pdf>

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