(Z)-1-(3-Nitrophenyl)-ethanone trimethylsilyloxime

Inchi: InChI=1S/C11H16N2O3Si/c1-9(12-16-17(2,3)4)10-6-5-7-11(8-10)13(14)15/h5-8H,1-4H3

InchiKey: AEDFMNFUBWZLHX-UHFFFAOYSA-N

Formula: C11H16N2O3Si

SMILES: CC(=NO[Si](C)(C)C)c1cccc([N+](=O)[O-])c1

Mol. weight [g/mol]: 252.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.58		Crippen Method
logp	3.170		Crippen Method
rinpol	1610.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U378217&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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