

# (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/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.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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