

# Nitroxoline, trimethylsilyl deriv.

**Inchi:** InChI=1S/C12H14N2O3Si/c1-18(2,3)17-11-7-6-10(14(15)16)9-5-4-8-13-12(9)11/h4-8H,1  
**InchiKey:** QRHBCFKYEXYRSP-UHFFFAOYSA-N  
**Formula:** C12H14N2O3Si  
**SMILES:** C[Si](C)(C)Oc1ccc([N+](=O)[O-])c2cccnc12  
**Mol. weight [g/mol]:** 262.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	3.357		Crippen Method
rinpol	1962.00		NIST Webbook
rinpol	1962.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U393912&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/120-273-5/Nitroxoline-trimethylsilyl-deriv.pdf>

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