

# 2-Amino-4-nitrophenol, N-trimethylsilyl-

**Inchi:** InChI=1S/C9H14N2O3Si/c1-15(2,3)10-8-6-7(11(13)14)4-5-9(8)12/h4-6,10,12H,1-3H3  
**InchiKey:** MONPRLFSQRSMRX-UHFFFAOYSA-N  
**Formula:** C9H14N2O3Si  
**SMILES:** C[Si](C)(C)Nc1cc([N+](=O)[O-])ccc1O  
**Mol. weight [g/mol]:** 226.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.57		Crippen Method
logp	2.547		Crippen Method
rinpol	1836.00		NIST Webbook
rinpol	1836.00		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=U374268&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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