

# Nitrobenzene, 3-trimethylsilylamino-4-trimethylsilyloxy-

**Inchi:** InChI=1S/C12H22N2O3Si2/c1-18(2,3)13-11-9-10(14(15)16)7-8-12(11)17-19(4,5)6/h7-9,11-12,14-16,18-19  
**InchiKey:** RGQLOPOIKXUDNU-UHFFFAOYSA-N  
**Formula:** C12H22N2O3Si2  
**SMILES:** C[Si](C)(C)Nc1cc([N+](=O)[O-])ccc1O[Si](C)(C)C  
**Mol. weight [g/mol]:** 298.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.03		Crippen Method
logp	4.055		Crippen Method
rinpol	1888.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374266&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

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