

# Atropine, picolinyloxydimethylsilyl ether

**Inchi:** InChI=1S/C25H34N2O4Si/c1-27-21-11-12-22(27)15-23(14-21)31-25(28)24(20-9-5-4-6-10)  
**InchiKey:** HZUONDUIRBLNQS-UHFFFAOYSA-N  
**Formula:** C25H34N2O4Si  
**SMILES:** CN1C2CCC1CC(OC(=O)C(CO[Si](C)(C)OCc1cccnc1)c1cccc1)C2  
**Mol. weight [g/mol]:** 454.63

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.50		Crippen Method
logp	4.269		Crippen Method
rinpol	3066.90		NIST Webbook
rinpol	3066.90		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=U352413&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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<https://www.chemeo.com/cid/95-288-8/Atropine-picolinyloxydimethylsilyl-ether.pdf>

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