

# Inabenfide, trimethylsilyl ether

**Inchi:** InChI=1S/C22H23ClN2O2Si/c1-28(2,3)27-21(16-7-5-4-6-8-16)19-15-18(23)9-10-20(19)2  
**InchiKey:** QUBKTWRVWBOUJZ-UHFFFAOYSA-N  
**Formula:** C22H23ClN2O2Si  
**SMILES:** C[Si](C)(C)OC(c1ccccc1)c1cc(Cl)ccc1NC(=O)c1ccccc1  
**Mol. weight [g/mol]:** 410.97

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.85		Crippen Method
logp	5.928		Crippen Method
rinpol	2810.80		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334043&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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