

# Inabenfide, tert-butyldimethylsilyl ether

**Inchi:** InChI=1S/C25H29ClN2O2Si/c1-25(2,3)31(4,5)30-23(18-9-7-6-8-10-18)21-17-20(26)11-12  
**InchiKey:** RVDUDBQZXVNDBL-UHFFFAOYSA-N  
**Formula:** C<sub>25</sub>H<sub>29</sub>ClN<sub>2</sub>O<sub>2</sub>Si  
**SMILES:** CC(C)(C)[Si](C)(C)OC(c1ccccc1)c1cc(Cl)ccc1NC(=O)c1ccncc1  
**Mol. weight [g/mol]:** 453.05

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.11		Crippen Method
logp	7.098		Crippen Method
rinpol	3000.30		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334045&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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