

# L-Thyronine, tert-butyldimethylsilyl ether, tert-butyldimethylsilyl ester

**Other names:** tert-Butyl(dimethyl)silyl  
**Inchi:** O-(4-pyrrolyl)tert-butyl(dimethyl)silyloxymorphophenyl)tyrosinate  
**InchiKey:** ISMWHCGROLVCOJ-UHFFFAOYSA-N  
**Formula:** C<sub>27</sub>H<sub>43</sub>NO<sub>4</sub>Si<sub>2</sub>  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)C(N)Cc1ccc(Oc2ccc(O[Si](C)(C)C(C)(C)C)cc2)cc1  
**Mol. weight [g/mol]:** 501.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.56		Crippen Method
logp	7.281		Crippen Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U332753&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

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