

# L-Thyronine, trimethylsilyl ether, trimethylsilyl ester

<b>Other names:</b>	Trimethylsilyl o-pyrrol4-[(trimethylsilyl)oxy]phenylmorphotyrosinate
<b>Inchi:</b>	InChI=1S/C21H31NO4Si2/c1-27(2,3)25-19-13-11-18(12-14-19)24-17-9-7-16(8-10-17)15-
<b>InchiKey:</b>	JLIXUMDXRAAYAW-UHFFFAOYSA-N
<b>Formula:</b>	C21H31NO4Si2
<b>SMILES:</b>	<chem>C[Si](C)(C)OC(=O)C(N)Cc1ccc(Oc2ccc(O[Si](C)(C)C)cc2)cc1</chem>
<b>Mol. weight [g/mol]:</b>	417.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.05		Crippen Method
logp	4.941		Crippen Method
rinpol	2667.50		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U332754&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U332754&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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