

# Tyrosine, ethoxycarbonylated, TBDMS

**Inchi:** InChI=1S/C24H43NO5Si2/c1-12-28-22(27)25-20(21(26)30-32(10,11)24(5,6)7)17-18-13-1  
**InchiKey:** USKDFOGPKGHEFX-UHFFFAOYSA-N  
**Formula:** C24H43NO5Si2  
**SMILES:** CCOC(=O)NC(Cc1ccc(O[Si](C)(C)C(C)(C)C)cc1)C(=O)O[Si](C)(C)C(C)(C)C  
**Mol. weight [g/mol]:** 481.77

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.78		Crippen Method
logp	6.276		Crippen Method
rinpol	2662.00		NIST Webbook
rinpol	2662.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R565152&Units=SI>  
**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)

## 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/116-626-8/Tyrosine-ethoxycarbonylated-TBDMS.pdf>

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