

# 3-Iodo-L-tyrosine, O-tert-butyl dimethylsilyl-, tert-butyl dimethylsilyl ester

Other names:	3-Iodo-L-tyrosine, 2tbdms derivative
Inchi:	InChI=1S/C21H38INO3Si2/c1-20(2,3)27(7,8)25-18-12-11-15(13-16(18)22)14-17(23)19(2)
InchiKey:	YLRVDZAFZKQPEX-UHFFFAOYSA-N
Formula:	C21H38INO3Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)C(N)Cc1ccc(O[Si](C)(C)C(C)(C)C)c(I)c1
Mol. weight [g/mol]:	535.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.08		Crippen Method
logp	6.093		Crippen Method
rinpol	2737.10		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333510&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333510&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

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

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