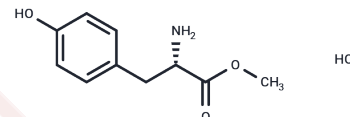


## H-Tyr-OMe.HCl

## Chemical Properties

CAS No. :	3417-91-2
Formula:	C <sub>10</sub> H <sub>14</sub> ClNO <sub>3</sub>
Molecular Weight:	231.68
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	H-Tyr-OMe.HCl is an endogenous metabolite and tyrosine derivative. H-Tyr-OMe.HCl encapsulates carbon-dot fluorescent probes for metal-free detection of thiols.
Targets(IC50)	Amino Acids and Derivatives, Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 80 mg/mL (345.3 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3163 mL	21.5815 mL	43.163 mL
5 mM	0.8633 mL	4.3163 mL	8.6326 mL
10 mM	0.4316 mL	2.1581 mL	4.3163 mL
50 mM	0.0863 mL	0.4316 mL	0.8633 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1024.

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