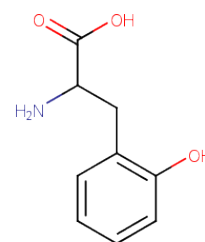


DL-O-Tyrosine

Chemical Properties

CAS No. :	2370-61-8
Formula:	C ₉ H ₁₁ NO ₃
Molecular Weight:	181.19
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	DL-o-Tyrosine is a metabolite of Phenylalanine and is a precursor in the formation of catecholamines. It is used as biomarkers of protein oxidative damage in β-thalassemia.
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: < 1.81 mg/mL (10 mM, insoluble or slightly soluble), < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5191 mL	27.5953 mL	55.1907 mL
5 mM	1.1038 mL	5.5191 mL	11.0381 mL
10 mM	0.5519 mL	2.7595 mL	5.5191 mL
50 mM	0.1104 mL	0.5519 mL	1.1038 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.

Reference

Koyama H. J Biochem. 1984 Aug;96(2):421-7.

Matés JM, et al. Antioxidant enzymes and human diseases. Clin Biochem. 1999 Nov;32(8):595-603.

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