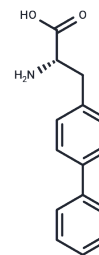


L-Biphenylalanine

Chemical Properties

CAS No. :	155760-02-4
Formula:	C ₁₅ H ₁₅ NO ₂
Molecular Weight:	241.29
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	L-Biphenylalanine is a phenylalanine derivative utilised in synthesising TR-14035, an integrin antagonist.
Targets(IC50)	Amino Acids and Derivatives, Photosensitizer

Solubility Information

Solubility	H ₂ O: 12.5 mg/mL (51.8 mM), when pH is adjusted to 14 with 1M NaOH. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1444 mL	20.722 mL	41.4439 mL
5 mM	0.8289 mL	4.1444 mL	8.2888 mL
10 mM	0.4144 mL	2.0722 mL	4.1444 mL
50 mM	0.0829 mL	0.4144 mL	0.8289 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):1793-807.

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