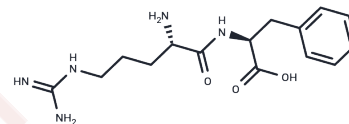


Arginylphenylalanine

Chemical Properties

CAS No. :	2047-13-4
Formula:	C ₁₅ H ₂₃ N ₅ O ₃
Molecular Weight:	321.37
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	Arginylphenylalanine, a dipeptide composed of arginine and phenylalanine, is an incomplete breakdown product of protein digestion or protein catabolism.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1117 mL	15.5584 mL	31.1168 mL
5 mM	0.6223 mL	3.1117 mL	6.2234 mL
10 mM	0.3112 mL	1.5558 mL	3.1117 mL
50 mM	0.0622 mL	0.3112 mL	0.6223 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

Thiemermann C, al-Damluji S, Hecker M, Vane JR. FMRF-amide and L-Arg-L-Phe increase blood pressure and heart rate in the anaesthetised rat by central stimulation of the sympathetic nervous system. *Biochem Biophys Res Commun.* 1991 Feb 28;175(1):318-24. PubMed PMID: 1998514.

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