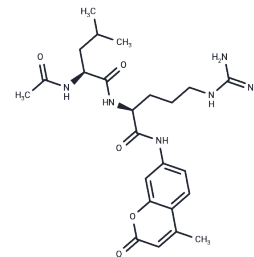


Ac-Leu-Arg-AMC

Chemical Properties

CAS No. :	929621-79-4
Formula:	C ₂₄ H ₃₄ N ₆ O ₅
Molecular Weight:	486.56
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	Ac-Leu-Arg-AMC (Acetyl-Leucyl-Arginyl-7-amido-4-methylcoumarin) is a fluorogenic peptide substrate.
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Solubility Information

Solubility	DMSO: 300 mg/mL (616.57 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0552 mL	10.2762 mL	20.5524 mL
5 mM	0.411 mL	2.0552 mL	4.1105 mL
10 mM	0.2055 mL	1.0276 mL	2.0552 mL
50 mM	0.0411 mL	0.2055 mL	0.411 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

Onitsuka E, et al. A judgment on postmortem aging in longissimus dorsi based on a peptide substrate library. Biosci Biotechnol Biochem. 2006 Dec;70(12):2836-43.

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