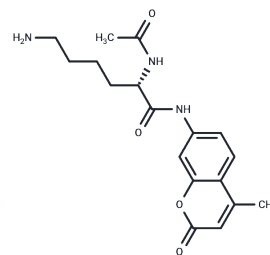


Ac-Lys-AMC

Chemical Properties

CAS No. :	156661-42-6
Formula:	C ₁₈ H ₂₃ N ₃ O ₄
Molecular Weight:	345.39
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ac-Lys-AMC (Hexanamide) is a fluorescent substrate for histone deacetylase HDACs.
Targets(IC50)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8953 mL	14.4764 mL	28.9528 mL
5 mM	0.5791 mL	2.8953 mL	5.7906 mL
10 mM	0.2895 mL	1.4476 mL	2.8953 mL
50 mM	0.0579 mL	0.2895 mL	0.5791 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

Heltweg B, et al. Nonisotopic substrate for assaying both human zinc and NAD⁺-dependent histone deacetylases. *Anal Biochem.* 2003 Aug 1;319(1):42-8.

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