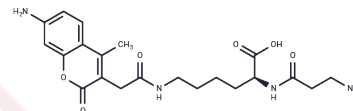


β -Ala-Lys(AMCA)

Chemical Properties

CAS No. :	180342-52-3
Formula:	C ₂₁ H ₂₈ N ₄ O ₆
Molecular Weight:	432.47
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	β -Ala-Lys(AMCA) serves as a multifunctional dye, crucial in biological experiments. It aids researchers in observing cell structures, tracking biomolecules, evaluating cell functions, distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications span from basic scientific research to clinical diagnostics. Additionally, dyes are extensively used in traditional and emerging fields, including textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3123 mL	11.5615 mL	23.123 mL
5 mM	0.4625 mL	2.3123 mL	4.6246 mL
10 mM	0.2312 mL	1.1561 mL	2.3123 mL
50 mM	0.0462 mL	0.2312 mL	0.4625 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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