

AMCA-X, SE [3-(7-amino-4-methyl-2-oxo-2H-chromen-3-yl)propanoic acid, succinimidyl ester]

Chemical Properties

CAS No. : 216309-02-3

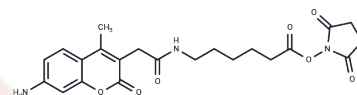
Formula: C₂₂H₂₅N₃O₇

Molecular Weight: 443.46

Keep away from direct sunlight

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	AMCA-X, N-succinimidyl ester is an amine-reactive, UV-excitable, blue fluorescent dye.
Targets(IC50)	Others
In vitro	Amca-xse is an amino reactive blue fluorescent dye, which is widely used to label proteins and other biomolecules containing primary or secondary amines. The solution can be prepared with anhydrous DMF or DMSO. The coupling reaction is PH dependent (pH ~ 8.5) . AMCA-X, SE has high fluorescence quantum yield and can emit bright fluorescence. Its excitation wavelength match perfectly with the exposure spectrum of mercury lamp.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.255 mL	11.275 mL	22.5499 mL
5 mM	0.451 mL	2.255 mL	4.510 mL
10 mM	0.2255 mL	1.1275 mL	2.255 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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

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