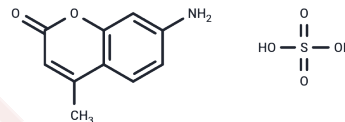


7-Amino-4-methylcoumarin hydrogensulfate

Chemical Properties

CAS No. :	207673-94-7
Formula:	C ₁₀ H ₁₁ NO ₆ S
Molecular Weight:	273.26
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	7-Amino-4-methylcoumarin hydrogensulfate (Coumarin 120 hydrogensulfate; AMC hydrogensulfate) serves as a versatile dye extensively utilized across various domains. This compound plays a crucial role in biological experiments, aiding in the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, differentiation of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Its applications extend beyond basic scientific research, encompassing both traditional uses in textile dyeing and contemporary usages in functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6595 mL	18.2976 mL	36.5952 mL
5 mM	0.7319 mL	3.6595 mL	7.319 mL
10 mM	0.366 mL	1.8298 mL	3.6595 mL
50 mM	0.0732 mL	0.366 mL	0.7319 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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