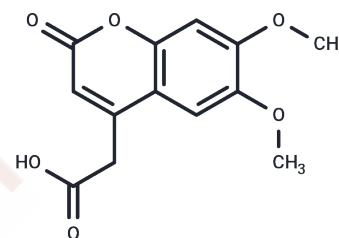


## 6,7-Dimethoxy-4-coumarinylacetic acid

## Chemical Properties

CAS No. :	88404-26-6
Formula:	C13H12O6
Molecular Weight:	264.23
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	6,7-Dimethoxy-4-coumarinylacetic acid (2-(6,7-Dimethoxy-2-oxo-2H-chromen-4-yl)acetic acid) serves as a multifunctional dye with diverse applications in both scientific and traditional domains. This compound facilitates the observation and analysis of cell structures in biological experiments, enabling researchers to track biomolecules, assess cell functions, categorize cell types, identify biomolecules, investigate tissue pathology, and monitor microorganisms. Beyond its scientific utility, 6,7-Dimethoxy-4-coumarinylacetic acid is also employed in industries including textile dyeing, functional textile processing, food pigments, and dye-sensitized solar cells. Its broad utility spans from fundamental research to clinical diagnostics, highlighting its importance across multiple fields.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7846 mL	18.9229 mL	37.8458 mL
5 mM	0.7569 mL	3.7846 mL	7.5692 mL
10 mM	0.3785 mL	1.8923 mL	3.7846 mL
50 mM	0.0757 mL	0.3785 mL	0.7569 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.

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