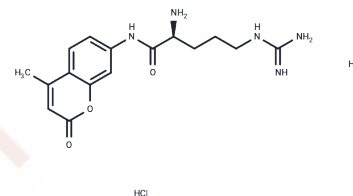


L-Arginine 7-amido-4-methylcoumarin dihydrochloride

Chemical Properties

CAS No. : 113712-08-6
 Formula: C₁₆H₂₃Cl₂N₅O₃
 Molecular Weight: 404.29
 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 | L-Arginine 7-amido-4-methylcoumarin dihydrochloride is a specialized fluorescent substrate with potential for detecting cathepsin H activity. It provides a high-sensitivity fluorescent signal for biological research and holds significant application in enzyme activity assays. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4735 mL | 12.3674 mL | 24.7347 mL |
| 5 mM | 0.4947 mL | 2.4735 mL | 4.9469 mL |
| 10 mM | 0.2473 mL | 1.2367 mL | 2.4735 mL |
| 50 mM | 0.0495 mL | 0.2473 mL | 0.4947 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481