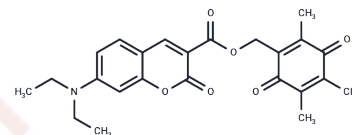


Coumarin-quinone conjugate

Chemical Properties

CAS No. : 2741190-31-6
 Formula: C₂₄H₂₅N₁O₆
 Molecular Weight: 423.46
 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	Coumarin-quinone conjugate, a fluorescent substrate for NADH:ubiquinone oxidoreductases, consists of a coumarin fluorophore and a ubiquinone analog. It can be utilized to measure the kinetic parameters of AIFM2/FSP1 in research related to ferroptosis [1].
Targets(IC50)	Others,Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3615 mL	11.8075 mL	23.615 mL
5 mM	0.4723 mL	2.3615 mL	4.723 mL
10 mM	0.2361 mL	1.1807 mL	2.3615 mL
50 mM	0.0472 mL	0.2361 mL	0.4723 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481