

CQ-ER

Chemical Properties

CAS No. :

Formula: C33H33N7O6S

Molecular Weight: 655.72

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	CQ-ER is a Coumarin-quinazolinone-based photosensitizer targeting the endoplasmic reticulum (ER). It induces ferroptosis, thereby enhancing photodynamic therapy (PDT).
Targets(IC50)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.525 mL	7.6252 mL	15.2504 mL
5 mM	0.305 mL	1.525 mL	3.0501 mL
10 mM	0.1525 mL	0.7625 mL	1.525 mL
50 mM	0.0305 mL	0.1525 mL	0.305 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