

Coumarin-Quinone Conjugate Biochemical

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CATALOG #
AAA227340

PRODUCT SYNONYMS

Coumarin-Quinone Conjugate; Coumarin-Quinone Conjugate biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Ethanol: Soluble DMSO: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
VPM peptide, CAS 1428885-83-9



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ADDITIONAL INFORMATION

Related Product Information for Coumarin-Quinone Conjugate biochemical	Coumarin-quinone conjugate is a fluorescent substrate for NADH:ubiquinone oxidoreductases. It is comprised of a coumarin fluorophore conjugated to a ubiquinone analog that can be reduced by NADH:ubiquinone oxidoreductases. It has been used to measure the kinetic parameters of apoptosis-inducing factor mitochondria-associated 2/ferroptosis suppressor protein 1 (AIFM2/FSP1).
References	1. Phelps EA, et, al. Maleimide cross-linked bioactive PEG hydrogel exhibits improved reaction kinetics and cross-linking for cell encapsulation and in situ delivery. Adv Mater. 2012 Jan 3;24(1):64-70, 2 2. Foster GA, et, al. Protease-degradable microgels for protein delivery for vascularization. Biomaterials. 2017 Jan;113:170-175.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

