

## Tpp-CAQK

## Chemical Properties

CAS No. :

Formula: C40H54BrN6O7PS

Molecular Weight: 873.84

Keep away from moisture

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	Tpp-CAQK, a specially engineered mitochondrial compound, has been shown to improve phagocytosis of myelin debris by macrophages, reduce mitochondrial dysfunction and pro-inflammatory features, and enhance tissue repair and functional recovery in mice after spinal cord injury.
Targets(IC50)	Mitochondrial Metabolism, Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1444 mL	5.7219 mL	11.4437 mL
5 mM	0.2289 mL	1.1444 mL	2.2887 mL
10 mM	0.1144 mL	0.5722 mL	1.1444 mL
50 mM	0.0229 mL	0.1144 mL	0.2289 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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