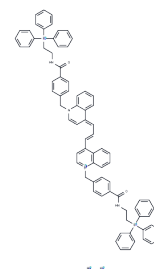


Mito-CCY

Chemical Properties

CAS No. :	2102192-83-4
Formula:	C77H67Br3N4O2P2
Molecular Weight:	1382.04
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	Mito-CCY, a mitochondria-targeted NIR-absorbing cryptocyanine probe, exhibits high photothermal conversion efficiency and good biological compatibility in vitro. Additionally, it demonstrates photoinduced cytotoxicity in HeLa cells [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7236 mL	3.6178 mL	7.2357 mL
5 mM	0.1447 mL	0.7236 mL	1.4471 mL
10 mM	0.0724 mL	0.3618 mL	0.7236 mL
50 mM	0.0145 mL	0.0724 mL	0.1447 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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