

## CTP-amiodarone

## Chemical Properties

CAS No. :

Formula: C97H131F3I2N20O25S2

Molecular Weight: 2352.13

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	CTP-amiodarone, a cellular-penetrating conjugate of myocardial cell-targeting peptide and Amiodarone, exhibits anti-arrhythmic activity by blocking Na <sup>+</sup> , K <sup>+</sup> , and Ca <sup>2+</sup> channels as well as $\beta$ -adrenergic receptors.
Targets(IC50)	Calcium Channel, Adrenergic Receptor, Potassium Channel, Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4251 mL	2.1257 mL	4.2515 mL
5 mM	0.085 mL	0.4251 mL	0.8503 mL
10 mM	0.0425 mL	0.2126 mL	0.4251 mL
50 mM	0.0085 mL	0.0425 mL	0.085 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