

BE2647

## Chemical Properties

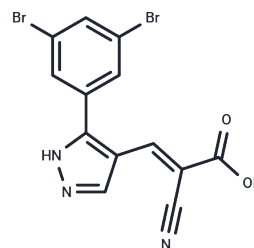
CAS No. :

Formula: C<sub>13</sub>H<sub>7</sub>Br<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 397.022

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	BE2647 is a selective inhibitor of the mitochondrial pyruvate carrier (MPC), with an EC <sub>50</sub> of 70 nM. It exhibits good metabolic stability in mouse liver microsomes. BE2647 can be utilized in research related to metabolic diseases, metabolic-associated steatotic liver disease (MASLD), or metabolic-associated steatohepatitis (MASH).
Targets(IC <sub>50</sub> )	Mitochondrial Metabolism

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5188 mL	12.5938 mL	25.1876 mL
5 mM	0.5038 mL	2.5188 mL	5.0375 mL
10 mM	0.2519 mL	1.2594 mL	2.5188 mL
50 mM	0.0504 mL	0.2519 mL	0.5038 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