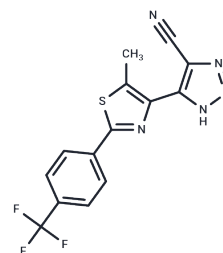


OPC-163493

Chemical Properties

CAS No. : 1644467-84-4
 Formula: C₁₄H₈F₃N₅S
 Molecular Weight: 335.31
 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	OPC-163493 is an orally active, liver-targeted mitochondrial uncoupling agent that diminishes $\Delta\psi$ (delta psi) and mitochondrial ROS (reactive oxygen species) production. This compound demonstrates antidiabetic properties and cardiovascular benefits, including lowering blood pressure, prolonging survival, and enhancing renal function in a rat model of stroke/hypertension [1].
Targets(IC50)	Reactive Oxygen Species, Mitochondrial Metabolism

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9823 mL	14.9116 mL	29.8231 mL
5 mM	0.5965 mL	2.9823 mL	5.9646 mL
10 mM	0.2982 mL	1.4912 mL	2.9823 mL
50 mM	0.0596 mL	0.2982 mL	0.5965 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