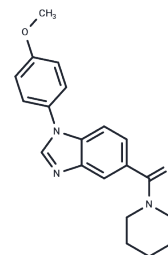


ML387

Chemical Properties

CAS No. : 452077-89-3
 Formula: C₂₀H₂₁N₃O₂
 Molecular Weight: 335.4
 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	ML387 is an inhibitor of human NAD(+)- dependent 15- hydroxyprostaglandin dehydrogenase.
Targets(IC50)	Others,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9815 mL	14.9076 mL	29.8151 mL
5 mM	0.5963 mL	2.9815 mL	5.963 mL
10 mM	0.2982 mL	1.4908 mL	2.9815 mL
50 mM	0.0596 mL	0.2982 mL	0.5963 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.

Reference

Duveau DY, Yasgar A, Hu X, Kouznetsova J, Brimacombe KR, Kerns EH, Mathews L, Zhang X, Sun H, Ferrer M, Jadhav A, Simeonov A, Thomas CJ, Maloney DJ. Discovery of two small molecule inhibitors, ML387 and ML388, of human NAD(+)-dependent 15-hydroxyprostaglandin dehydrogenase. 2013 Dec 15 [updated 2015 Feb 11]. Probe Reports from the NIH Molecular Libraries Program [Internet]. Bethesda (MD): National Center for Biotechnology Information (US); 2010-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK280041/> PubMed PMID: 25834895.

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