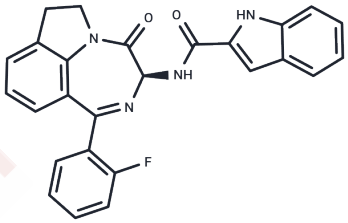
Data Sheet (Cat.No.T34123)

TargetMol

Pranazepide

Chemical Properties



CAS No. : 150408-73-4

Formula: C26H19FN4O2

Molecular Weight: 438.45

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	Pranazepide (FK 480) is a small molecule cholecystokinin receptor antagonist used to study digestive disorders and pancreatitis.
Targets(IC50)	Others,Cholecystokinin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2808 mL	11.4038 mL	22.8076 mL
5 mM	0.4562 mL	2.2808 mL	4.5615 mL
10 mM	0.2281 mL	1.1404 mL	2.2808 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 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

Schmidt H,et al. Identification of antiparasitic drug targets using a multi-omics workflow in the acanthocephalan model. BMC Genomics. 2022 Sep 30;23(1):677.

An YP, et al. Selective activation by photodynamic action of cholecystokinin receptor in the freshly isolated rat pancreatic acini. Br J Pharmacol. 2003 Jun;139(4):872-80.

Naritomi Y, et al. Utility of hepatocytes in predicting drug metabolism: comparison of hepatic intrinsic clearance in rats and humans in vivo and in vitro. Drug Metab Dispos. 2003 May;31(5):580-8.

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