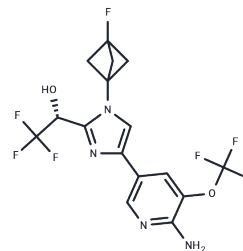


IACS-52825

Chemical Properties

CAS No. : 2640376-72-1
 Formula: C₁₆H₁₃F₇N₄O₂
 Molecular Weight: 426.29
 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	IACS-52825 is a selective and potent dual leucine zipper kinase (DLK) inhibitor that reverses para-mechanical aberrant pain in a CIPN mouse model for the study of neurological disorders.
Targets(IC50)	MAPK,DNA Alkylation

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3458 mL	11.7291 mL	23.4582 mL
5 mM	0.4692 mL	2.3458 mL	4.6916 mL
10 mM	0.2346 mL	1.1729 mL	2.3458 mL
50 mM	0.0469 mL	0.2346 mL	0.4692 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

Kang Le, et al. Discovery of IACS-52825, a Potent and Selective DLK Inhibitor for Treatment of Chemotherapy-Induced Peripheral Neuropathy. J Med Chem. 2023 Jul 27;66(14):9954-9971.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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