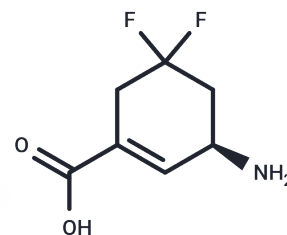


hOAT-IN-1

Chemical Properties

CAS No. :	3057092-65-3
Formula:	C ₇ H ₉ F ₂ N ₂ O ₂
Molecular Weight:	177.15
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	hOAT-IN-1 (compound 5) is a mechanistic inhibitor of human ornithine aminotransferase (hOAT). As a time-dependent inhibitor, hOAT-IN-1 forms a tightly bound PLP inhibitor adduct with hOAT, resulting in the active site of hOAT being tightly occupied. This compound is applicable in the research of hepatocellular carcinoma.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6449 mL	28.2247 mL	56.4493 mL
5 mM	1.129 mL	5.6449 mL	11.2899 mL
10 mM	0.5645 mL	2.8225 mL	5.6449 mL
50 mM	0.1129 mL	0.5645 mL	1.129 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