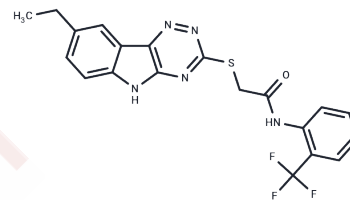


I3IN-002

Chemical Properties

CAS No. : 552829-57-9
 Formula: C₂₀H₁₆F₃N₅O₅
 Molecular Weight: 431.43
 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	I3IN-002 is a small molecule inhibitor targeting the RNA-binding protein IGF2BP3, with an IC ₅₀ value of approximately 2 μM in SEM cells. It disrupts the interaction with m ⁶ A-modified mRNA, destabilizing target genes (such as CDK6, MYC, and BCL2), thereby inhibiting the growth of leukemia cells, inducing cell cycle arrest, and promoting apoptosis. I3IN-002 shows potential for research in B-cell acute lymphoblastic leukemia.
Targets(IC ₅₀)	Apoptosis,IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3179 mL	11.5894 mL	23.1787 mL
5 mM	0.4636 mL	2.3179 mL	4.6357 mL
10 mM	0.2318 mL	1.1589 mL	2.3179 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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