

NPD10084

Chemical Properties

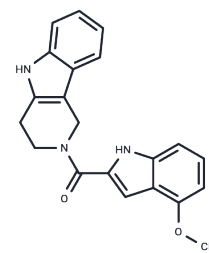
CAS No. : 1040706-91-9

Formula: C₂₁H₁₉N₃O₂

Molecular Weight: 345.39

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	NPD10084 is an inhibitor of pyruvate kinase PKM2 that blocks non-glycolytic signaling in cancer cells by disrupting PKM2's interaction with β -catenin or STAT3, thus inhibiting downstream pathways. It demonstrates antiproliferative effects against colorectal cancer cells both in vitro and in vivo [1].
Targets(IC50)	PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8953 mL	14.4764 mL	28.9528 mL
5 mM	0.5791 mL	2.8953 mL	5.7906 mL
10 mM	0.2895 mL	1.4476 mL	2.8953 mL
50 mM	0.0579 mL	0.2895 mL	0.5791 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