

PKRA83

Chemical Properties

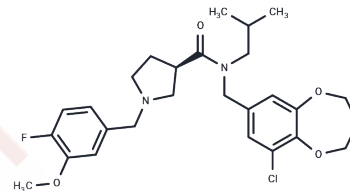
CAS No. : 1233926-87-8

Formula: C₂₇H₃₄ClFN₂O₄

Molecular Weight: 505.02

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	PKRA83 is a potent prokineticin (PK2) antagonist that crosses the blood-brain barrier and competes for PK2 binding to its receptors PKR1 and PKR2. PKRA83 effectively inhibits PK2 receptors and acts on PKR1 (IC ₅₀ : 5.0 nM) and PKR2 (IC ₅₀ : 8.2 nM). PKRA83 exhibits anti-cancer and anti-angiogenic effects.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9801 mL	9.9006 mL	19.8012 mL
5 mM	0.396 mL	1.9801 mL	3.9602 mL
10 mM	0.198 mL	0.9901 mL	1.9801 mL
50 mM	0.0396 mL	0.198 mL	0.396 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