

MK-2206 free base

Chemical Properties

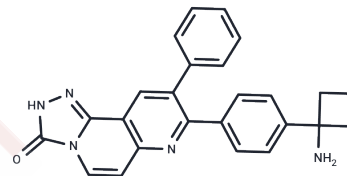
CAS No. : 1032349-93-1

Formula: C₂₅H₂₁N₅O

Molecular Weight: 407.47

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	MK-2206 free base is a potent, selective, and orally administered allosteric Akt inhibitor with IC ₅₀ values of 8, 12, and 65 nM for Akt1, Akt2, and Akt3, respectively. It demonstrates sensitivity in various breast cancer cell lines, including those with PIK3CA mutations and PTEN loss, indicating its potential for anticancer activities [1] [2].
Targets(IC ₅₀)	Apoptosis,Akt,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4542 mL	12.2708 mL	24.5417 mL
5 mM	0.4908 mL	2.4542 mL	4.9083 mL
10 mM	0.2454 mL	1.2271 mL	2.4542 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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