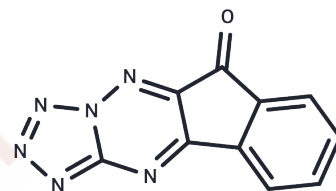


KP-23172

Chemical Properties

CAS No. : 331253-86-2
 Formula: C₁₀H₄N₆O
 Molecular Weight: 224.18
 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	KP-23172 is a inhibitor of PI3-K/Akt pathway.
Targets(IC50)	Akt
In vitro	KP-23172 significantly augments NRP-induced apoptosis [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4607 mL	22.3035 mL	44.607 mL
5 mM	0.8921 mL	4.4607 mL	8.9214 mL
10 mM	0.4461 mL	2.2304 mL	4.4607 mL
50 mM	0.0892 mL	0.4461 mL	0.8921 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.

Reference

Xi RG, et al. Roles of PI3-K/Akt pathways in nanoparticle realgar powders-induced apoptosis in U937 cells. Acta Pharmacol Sin. 2008 Mar;29(3):355-63.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481