

AKT1-IN-10

Chemical Properties

CAS No. : 3077847-90-3
Formula: C₃₁H₂₉N₇O₃
Molecular Weight: 547.62
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	AKT1-IN-10 (Compound I-118) is a non-covalent allosteric inhibitor of AKT1, with an IC ₅₀ of less than 500 µM. It is orally bioavailable and can be used in cancer treatment.
Targets(IC50)	Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8261 mL	9.1304 mL	18.2608 mL
5 mM	0.3652 mL	1.8261 mL	3.6522 mL
10 mM	0.1826 mL	0.913 mL	1.8261 mL
50 mM	0.0365 mL	0.1826 mL	0.3652 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