

ML-B01

Chemical Properties

CAS No. :

Formula: C₂₄H₃₁Cl₂N₅O

Molecular Weight: 476.44

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	ML-B01 is an orally active inhibitor targeting Akt and PKA, with IC ₅₀ values of 2 nM and 136 nM, respectively. It demonstrates good blood-brain barrier (BBB) permeability in mice.
Targets(IC ₅₀)	Akt,PKA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0989 mL	10.4945 mL	20.989 mL
5 mM	0.4198 mL	2.0989 mL	4.1978 mL
10 mM	0.2099 mL	1.0495 mL	2.0989 mL
50 mM	0.042 mL	0.2099 mL	0.4198 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

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