MBP146-78

#Cat:NB-64-41023-1mL	Size: 1mL
#Cat:NB-64-41023-2mg	Size: 2mg
#Cat:NB-64-41023-5mg	Size: 5mg
#Cat:NB-64-41023-10mg	Size: 10mg
#Cat:NB-64-41023-25mg	Size: 25mg
#Cat:NB-64-41023-50mg	Size: 50mg
#Cat:NB-64-41023-100mg	Size: 100mg

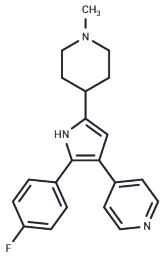
Chemical Properties

CAS No. : 188343-77-3

Formula: C21H22FN3

Molecular Weight: 335.42

Storage: 02



Biological Description

Description	MBP146-78 is a potent and selective inhibitor of cGMP-dependent protein kinases (cGMP-dependent protein kinases).
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: 7.69 mg/mL (22.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9813 mL	14.9067 mL	29.8134 mL
5 mM	0.5963 mL	2.9813 mL	5.9627 mL
10mM	0.2981 mL	1.4907 mL	2.9813 mL
50 mM	0.0596 mL	0.2981 mL	0.5963 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.

Reference

Nare B , Allocco J J , Liberator P A , et al. Evaluation of a Cyclic GMP-Dependent Protein Kinase Inhibitor in Treatment of Murine Toxoplasmosis: Gamma Interferon Is Required for Efficacy[J]. Antimicrobial Agents and Chemotherapy, 2002, 46(2):300-307.

Wei X, Qiu J, Lai R, et al.A human organoid drug screen identifies α2-adrenergic receptor signaling as a therapeutic target for cartilage regeneration.Cell Stem Cell.2024

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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