

BT-Amide

Chemical Properties

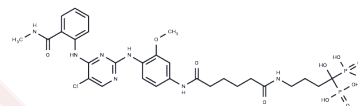
CAS No. :

Formula: C₂₉H₃₈ClN₇O₁₁P₂

Molecular Weight: 758.053

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	BT-Amide is an orally active Pyk2 kinase (Pyk2kinase) inhibitor with an IC ₅₀ of 44.69 nM. It prevents glucocorticoid-induced bone loss and demonstrates bone-protective activity in C57BL/6 mice.
Targets(IC ₅₀)	PYK2

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3192 mL	6.5959 mL	13.1917 mL
5 mM	0.2638 mL	1.3192 mL	2.6383 mL
10 mM	0.1319 mL	0.6596 mL	1.3192 mL
50 mM	0.0264 mL	0.1319 mL	0.2638 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