

CJ-463

Chemical Properties

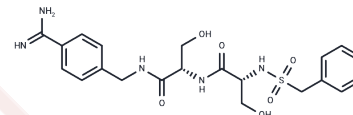
CAS No. : 600142-19-6

Formula: C₂₁H₂₇N₅O₆S

Molecular Weight: 477.53

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	CJ-463 is a potent and selective uPA inhibitor. Treatment with CJ-463 resulted in a significant inhibition of primary tumor growth, with the highest efficacy seen in the 100 mg/kg group. Urokinase (uPA) plays a crucial role in carcinogenesis by facilitating tumor cell invasion and metastasis. CJ-463 may be a novel agent for treatment of lung cancer.
Targets(IC50)	Others,PAI-1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0941 mL	10.4705 mL	20.9411 mL
5 mM	0.4188 mL	2.0941 mL	4.1882 mL
10 mM	0.2094 mL	1.0471 mL	2.0941 mL
50 mM	0.0419 mL	0.2094 mL	0.4188 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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