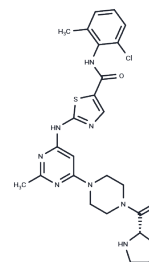


Pro-Dasatinib

Chemical Properties

CAS No. :	2468065-01-0
Formula:	C ₂₅ H ₂₉ ClN ₈ O ₂ S
Molecular Weight:	541.07
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	Pro-Dasatinib (compound 2j) is an amino acid analogue of Dasatinib and serves as a potent Src/Abl kinase inhibitor. It exhibits antiproliferative activity against K652 leukemia cancer cells, with an IC ₅₀ of 0.21 nM.
Targets(IC ₅₀)	Bcr-Abl,Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8482 mL	9.2409 mL	18.4819 mL
5 mM	0.3696 mL	1.8482 mL	3.6964 mL
10 mM	0.1848 mL	0.9241 mL	1.8482 mL
50 mM	0.037 mL	0.1848 mL	0.3696 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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