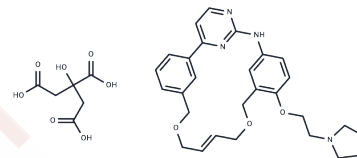


## Pacritinib citrate

### Chemical Properties

CAS No. :	1228923-42-9
Formula:	C34H40N4O10
Molecular Weight:	664.7
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	Pacritinib (SB1518) citrate effectively inhibits wild-type JAK2 (IC 50 =23 nM) and the JAK2 V617F mutant (IC 50 =19 nM). It also targets FLT3 (IC 50 =22 nM) and the FLT3 D835Y mutant (IC 50 =6 nM). This compound is utilized in the study of acute myeloid leukemia (AML) and myelofibrosis (MF) [1] [2] [3].
Targets(IC50)	FLT,JAK

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5044 mL	7.5222 mL	15.0444 mL
5 mM	0.3009 mL	1.5044 mL	3.0089 mL
10 mM	0.1504 mL	0.7522 mL	1.5044 mL
50 mM	0.0301 mL	0.1504 mL	0.3009 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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