

BJ-2302

## Chemical Properties

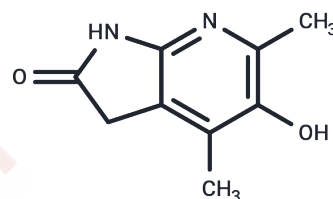
CAS No. : 1631056-29-5

Formula: C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 178.19

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	BJ-2302 is a SRC inhibitor. BJ-2302 effectively suppressed MDA-MB-231 cell invasion (Matrigel invasion assay) and metastasis (chorioallantoic membrane assay xenografted with MDA-MB-231-luc2-tdTomato cancer cells). Additionally, BJ-2302 (1 mg/kg) strongly suppressed TNBC cell proliferation in vitro and tumor growth in a xenograft mouse tumor model. The anti-metastatic and anti-tumor effects of BJ-2302 were superior to those of Z-FL-COCHO (1 mg/kg) or batimastat (30 mg/kg), a pan-MMP inhibitor.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.612 mL	28.0599 mL	56.1199 mL
5 mM	1.1224 mL	5.612 mL	11.224 mL
10 mM	0.5612 mL	2.806 mL	5.612 mL
50 mM	0.1122 mL	0.5612 mL	1.1224 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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