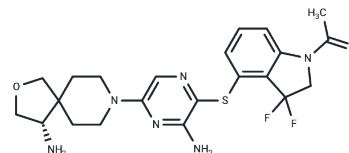


JAB-3068

Chemical Properties

CAS No. : 2169223-48-5
Formula: C22H26F2N6O2S
Molecular Weight: 476.54
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	JAB-3068 (SHP2-IN-6) is a potent SHP2 inhibitor with anticancer and antitumor activity for the study of breast, lung, and esophageal cancers.
Targets(IC50)	Phosphatase
In vitro	JAB-3068 (SHP2-IN-6) is a potent inhibitor of PTPN11 and SHP2, capable of blocking SHP2-mediated signaling and possessing potential anti-tumor activity[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0985 mL	10.4923 mL	20.9846 mL
5 mM	0.4197 mL	2.0985 mL	4.1969 mL
10 mM	0.2098 mL	1.0492 mL	2.0985 mL
50 mM	0.042 mL	0.2098 mL	0.4197 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.

Reference

Song Z,et al. Tyrosine phosphatase SHP2 inhibitors in tumor-targeted therapies. Acta Pharm Sin B. 2021 Jan;11(1): 13-29.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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