Data Sheet (Cat.No.T71313)



BVB-808

Chemical Properties

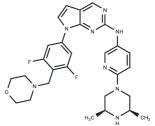
CAS No.: 1180158-99-9

Formula: C28H32F2N8O

Molecular Weight: 534.6

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BVB-808 is a selective Jak2 type 1 inhibitor. Janus kinases are critical components of
	signaling pathways that regulate hematopoiesis. Mutations of the non-receptor tyrosine
	kinase JAK2 are found in many BCR-ABL-negative myeloproliferative neoplasms.
	Preclinical results support that JAK2 inhibitors could show efficacy in treating chronic
	myeloproliferative neoplasms. JAK2 has also been postulated to play a role in BCR-ABL
	signal transduction. Therefore, inhibitors of JAK2 kinases are turning into therapeutic
	strategies for treatment of chronic myelogenous leukemia (CML).

Preparing Stock Solutions

⊗	1mg	5mg 🕙	10mg	
1 mM	1.8706 mL	9.3528 mL	18.7056 mL	
5 mM	0.3741 mL	1.8706 mL	3.7411 mL	
10 mM	0.1871 mL	0.9353 mL	1.8706 mL	
50 mM	0.0374 mL	0.1871 mL	0.3741 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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