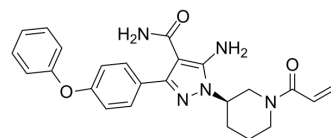


Btk inhibitor 2

Cat. No.:	HY-101766		
CAS No.:	1558036-85-3		
Molecular Formula:	C ₂₄ H ₂₅ N ₅ O ₃		
Molecular Weight:	431.49		
Target:	Btk		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (115.88 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		2.3176 mL	11.5878 mL	23.1755 mL
		5 mM		0.4635 mL	2.3176 mL	4.6351 mL
10 mM			0.2318 mL	1.1588 mL	2.3176 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.79 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.79 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.79 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Btk inhibitor 2 (BGB-3111 analog) is a Bruton's tyrosine kinase (BTK) inhibitor extracted from patent US 20170224688 A1.
IC ₅₀ & Target	BTK ^[1]

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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