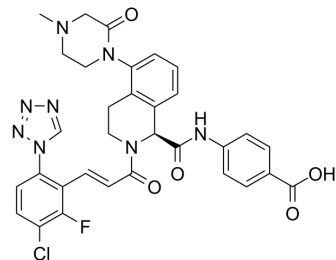


BMS-962212

Cat. No.:	HY-117290		
CAS No.:	1430114-34-3		
Molecular Formula:	C ₃₂ H ₂₈ ClFN ₈ O ₅		
Molecular Weight:	659.07		
Target:	Factor Xa		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (379.32 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5173 mL	7.5864 mL	15.1729 mL
5 mM	0.3035 mL	1.5173 mL	3.0346 mL
10 mM	0.1517 mL	0.7586 mL	1.5173 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (3.16 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (3.16 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

BMS-962212 is a direct, reversible, selective factor XIa (FXIa) inhibitor. BMS-962212 is well tolerated, with fast onset of pharmacodynamic (PD) responses and rapid elimination. BMS-962212 increases exposure dependently in activated partial thromboplastin time, and decreases exposure dependently in FXI clotting activity^[1].

REFERENCES

- [1]. Perera V, et al. First-in-human study to assess the safety, pharmacokinetics and pharmacodynamics of BMS-962212, a direct, reversible, small molecule factor XIa inhibitor in non-Japanese and Japanese healthy subjects. *Br J Clin Pharmacol.* 2018 May;84(5):876-887.

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

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