

# **Data Sheet**

Product Name: BMS-962212	
Cat. No.: CS-0065189	
<b>CAS No.:</b> 1430114-34-3	
Molecular Formula: C <sub>32</sub> H <sub>28</sub> ClFN <sub>8</sub> O <sub>5</sub>	
Molecular Weight: 659.07	
Target:Factor Xa	
Pathway: Metabolic Enzyme/F	Protease
Solubility: DMSO : 250 mg/mL	(379.32 mM; Need ultrasonic)



### **BIOLOGICAL ACTIVITY:**

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<sup>[1]</sup>.

#### **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.

#### **CAIndexNames:**

Benzoic acid, 4-[[[(1S)-2-[(2E)-3-[3-chloro-2-fluoro-6-(1H-tetrazol-1-yl)phenyl]-1-oxo-2-propen-1-yl]-1,2,3,4-tetrahydro-5-(4-methyl-2-oxo-1-piperazinyl)-1-iso quinolinyl]carbonyl]amino]-

#### SMILES:

CIC1=C(F)C(/C=C/C(N2[C@H](C(NC3=CC=C(C(O)=O)C=C3)=O)C(C=CC=C4N5C(CN(C)CC5)=O)=C4CC2)=O)=C(N6C=NN=N6)C=C1(N6C=NC=N6)C=C1(N6C=N6)C=C1(N6C=N6)C=C(N6C=N6)C=N6)C=C1(N6C=N6)C=C(N6C=N6)C=C(N6C=N6)C=C(

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

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