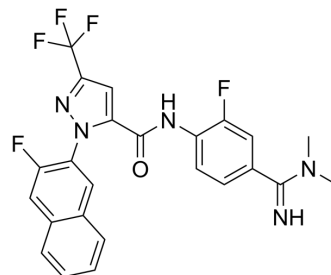


FXa-IN-1

Cat. No.:	HY-10758
CAS No.:	441328-10-5
Molecular Formula:	C ₂₄ H ₁₈ F ₅ N ₅ O
Molecular Weight:	487.42
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FXa-IN-1 is a FXa inhibitor (IC ₅₀ : 3 nM, K _i : 0.7 nM) with respectable oral bioavailability and half-life in vivo. FXa-IN-1 can be used for thromboembolic disorders ^[1] .
IC ₅₀ & Target	FXa ^[1]
In Vivo	FXa-IN-1 (compound 22, rats) exhibits good oral bioavailability (F%: 46.9) and half-life (t _{1/2} : 8.8 h, i.v.) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zhaozhong J Jia, et al. 1-(2-Naphthyl)-1H-pyrazole-5-carboxylamides as potent factor Xa inhibitors. Part 3: Design, synthesis and SAR of orally bioavailable benzamide-P4 inhibitors. Bioorg Med Chem Lett. 2004 Mar 8;14(5):1229-34.

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

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