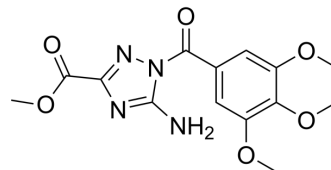


FXIIa-IN-3

Cat. No.:	HY-163347
Molecular Formula:	C ₁₄ H ₁₆ N ₄ O ₆
Molecular Weight:	336.3
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FXIIa-IN-3 (Compound 8) is a potent and selective Factor XIIa (FXIIa) inhibitor, with an IC ₅₀ of 0.045 μM. FXIIa-IN-3 also exhibits a substantial margin of selectivity against related serine proteases, including FXIa, FXa, and FIXa. FXIIa-IN-3 can be used for the research of thromboembolic diseases ^[1] .
IC ₅₀ & Target	0.045 μM (FXIIa), 14.9 μM (FXIa), 47.6 μM (FXa), 0.019 μM (Thrombin) ^[1]

REFERENCES

[1]. Woodland M L D, et al. New Triazole-Based Potent Inhibitors of Human Factor XIIa as Anticoagulants. ACS Omega. 2024.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA