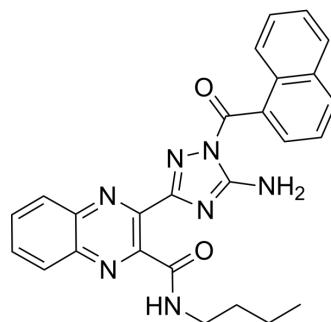


Thrombin inhibitor 7

Cat. No.:	HY-152150
CAS No.:	2866508-00-9
Molecular Formula:	C ₂₆ H ₂₃ N ₇ O ₂
Molecular Weight:	465.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thrombin inhibitor 7 is a potent FXIIa inhibitor with IC ₅₀ values of 28 nM, >132 μM for FXIIa and FXIa, respectively. Thrombin inhibitor 7 shows low cytotoxicity ^[1] .								
In Vitro	<p>Thrombin inhibitor 7 (compound 33b) (0-300 μM; 24 h) shows low cytotoxicity in HepG2, A549 cells^[1]. Caution: Product has not been fully validated for medical applications. For research use only. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com Cell Cytotoxicity Assay^[1] Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA</p> <table border="1"> <tr> <td>Cell Line:</td> <td>HepG2, A549 cells</td> </tr> <tr> <td>Concentration:</td> <td>0-300 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>24 h</td> </tr> <tr> <td>Result:</td> <td>Showed low cytotoxicity in HepG2, A549 cells.</td> </tr> </table>	Cell Line:	HepG2, A549 cells	Concentration:	0-300 μM	Incubation Time:	24 h	Result:	Showed low cytotoxicity in HepG2, A549 cells.
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REFERENCES

[1]. Imberg L, et al. Amide-functionalized 1,2,4-Triazol-5-amines as Covalent Inhibitors of Blood Coagulation Factor XIIa and Thrombin. ACS Pharmacol Transl Sci. 2022 Nov 30;5(12):1318-1347.