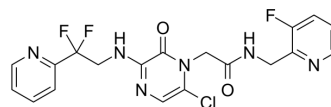


Thrombin Inhibitor 2

Cat. No.:	HY-10217
CAS No.:	312904-62-4
Molecular Formula:	C ₁₉ H ₁₆ ClF ₃ N ₆ O ₂
Molecular Weight:	452.82
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (110.42 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2084 mL	11.0419 mL	22.0838 mL
5 mM	0.4417 mL	2.2084 mL	4.4168 mL
10 mM	0.2208 mL	1.1042 mL	2.2084 mL

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

BIOLOGICAL ACTIVITY

Description

Thrombin Inhibitor 2 is a small molecule direct thrombin inhibitor, extracted from US8541580B2. Thrombin Inhibitor 2 has antithrombotic activity^[1].

REFERENCES

[1]. Morris Plains, et al. Process for the preparation of pyrazinone thrombin inhibitor and its intermediates

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

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