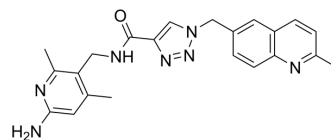


Plasma kallikrein-IN-4

Cat. No.:	HY-153115		
CAS No.:	1357954-34-7		
Molecular Formula:	C ₂₂ H ₂₃ N ₇ O		
Molecular Weight:	401.46		
Target:	Ser/Thr Protease		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (249.09 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4909 mL	12.4545 mL	24.9091 mL
5 mM	0.4982 mL	2.4909 mL	4.9818 mL
10 mM	0.2491 mL	1.2455 mL	2.4909 mL

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

BIOLOGICAL ACTIVITY

Description

Plasma kallikrein-IN-4 (Example 153) is a plasma kallikrein inhibitor with an IC₅₀ of 0.016 μM against human plasma kallikrein^[1].

IC₅₀ & Target

IC₅₀: 0.016 μM (human plasma kallikrein)^[1]

REFERENCES

[1]. Trixi Brandl, et al. N-((6-amino-pyridin-3-yl)methyl)-heteroaryl-carboxamides as inhibitors of plasma kallikrein. Patent WO2012017020A1.

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