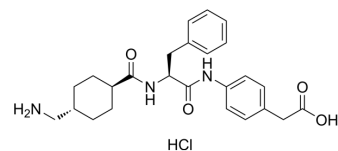


PKSI-527

Cat. No.:	HY-123133		
CAS No.:	128837-71-8		
Molecular Formula:	C ₂₅ H ₃₂ ClN ₃ O ₄		
Molecular Weight:	473.99		
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 (210.97 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1097 mL	10.5487 mL	21.0975 mL
	5 mM	0.4219 mL	2.1097 mL	4.2195 mL
	10 mM	0.2110 mL	1.0549 mL	2.1097 mL

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

BIOLOGICAL ACTIVITY

Description

PKSI-527 is a new, highly selective plasma kallikrein inhibitor. PKSI-527 can suppress collagen-induced arthritis (CIA) by modifying the kallikrein-kinin system^[1].

REFERENCES

[1]. Fujimori Y, et al. Effects of a highly selective plasma kallikrein inhibitor on collagen-induced arthritis in mice. Agents Actions. 1993 May;39(1-2):42-8.

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

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