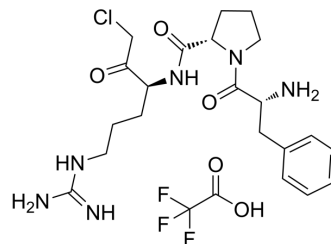


PPACK TFA

Cat. No.:	HY-122542B
CAS No.:	157379-44-7
Molecular Formula:	C ₂₃ H ₃₂ ClF ₃ N ₆ O ₅
Molecular Weight:	564.99
Target:	PAI-1
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (442.49 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7699 mL	8.8497 mL	17.6994 mL
	5 mM	0.3540 mL	1.7699 mL	3.5399 mL
	10 mM	0.1770 mL	0.8850 mL	1.7699 mL

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

BIOLOGICAL ACTIVITY

Description

PPACK TFA is a plasminogen activator (rt-PA) inhibitor. PPACK TFA can inhibit changes in fibrin degradation products, plasminogen and alpha 2-antiplasmin. PPACK TFA also inhibits the binding of rt-PA to plasma protease inhibitors^[1].

REFERENCES

[1]. Mohler MA, et al. D-Phe-Pro-Arg-chloromethylketone: its potential use in inhibiting the formation of in vitro artifacts in blood collected during tissue-type plasminogen activator thrombolytic therapy. *Thromb Haemost.* 1986;56(2):160-164.

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

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