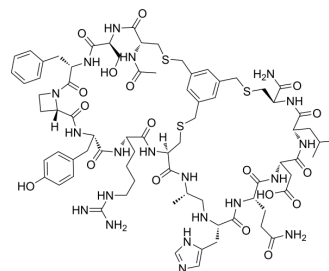


Irucalantide

Cat. No.:	HY-P5536
CAS No.:	1631160-47-8
Molecular Formula:	C ₇₆ H ₁₀₆ N ₂₀ O ₁₈ S ₃
Molecular Weight:	1683.97
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Sealed storage, away from moisture and light
	Powder -80°C 2 years
	-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (59.38 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.5938 mL	2.9692 mL	5.9383 mL
5 mM	0.1188 mL	0.5938 mL	1.1877 mL
10 mM	0.0594 mL	0.2969 mL	0.5938 mL

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

BIOLOGICAL ACTIVITY

Description

Irucalantide is kallikrein inhibitor^[1].

IC₅₀ & Target

kallikrein^[1]

REFERENCES

[1]. Teufel DP, et al. Stable and Long-Lasting, Novel Bicyclic Peptide Plasma Kallikrein Inhibitors for the Treatment of Diabetic Macular Edema. J Med Chem. 2018 Apr 12;61(7):2823-2836.

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