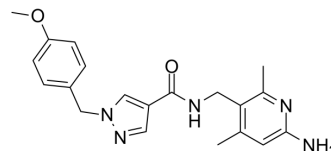


## Plasma kallikrein-IN-3

Cat. No.:	HY-150052
CAS No.:	1357950-47-0
Molecular Formula:	C <sub>20</sub> H <sub>23</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	365.43
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Plasma kallikrein-IN-3 is a plasma kallikrein inhibitor (IC <sub>50</sub> : 0.15 μM). Plasma kallikrein-IN-3 can be used for hereditary angioedema, diabetic macular edema, and diabetic retinopathy research <sup>[1]</sup> .
IC <sub>50</sub> & Target	Plasma kallikrein <sup>[1]</sup>
In Vitro	Plasma kallikrein-IN-3 (example 13, 1 nM-100 μM, 1 h) inhibits plasma kallikrein activity with an IC <sub>50</sub> value of 0.15 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Brandl Trixi, et al. Preparation of N-((6-amino-pyridin-3-yl)methyl)-heteroaryl-carboxamides as inhibitors of plasma kallikrein. Patent WO2012017020.

**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