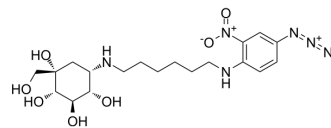


## EB-0150

Cat. No.:	HY-145273
CAS No.:	2832824-40-3
Molecular Formula:	C <sub>19</sub> H <sub>30</sub> N <sub>6</sub> O <sub>7</sub>
Molecular Weight:	454.48
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

EB-0150 is a potent inhibitor of ER  $\alpha$ -glucosidases ( $\alpha$ -Glu) I and II with IC<sub>50</sub>s of 0.73 and 0.0337  $\mu$ M, respectively. EB-0150 is a N-substituted derivative of valiolamine with broad-spectrum antiviral. EB-0150 has the potential for the research of broad-spectrum agent against the existing and emerging viruses<sup>[1]</sup>.

## REFERENCES

[1]. Karade SS, et al. N-Substituted Valiolamine Derivatives as Potent Inhibitors of Endoplasmic Reticulum  $\alpha$ -Glucosidases I and II with Antiviral Activity. J Med Chem. 2021;64(24):18010-18024.

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

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