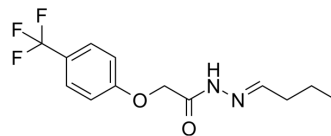


## CEase-IN-1

<b>Cat. No.:</b>	HY-143252
<b>CAS No.:</b>	2985688-68-2
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>15</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	288.27
<b>Target:</b>	Cholinesterase (ChE)
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	CEase-IN-1 (Compound A1H3) is a potent and selective cholesterol esterase (CEase) inhibitor with an IC <sub>50</sub> of 0.36 μM. CEase-IN-1 can be used for the research of hypercholesterolemia <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	CEase 0.36 μM (IC <sub>50</sub> )	AChE 45.9 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Zhao S, et al. Identification and synthesis of selective cholesterol esterase inhibitor using dynamic combinatorial chemistry. *Bioorg Chem.* 2022 Feb;119:105520.

**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