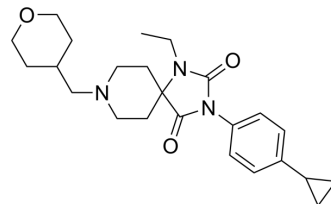


## EBP-IN-1

Cat. No.:	HY-162351
Molecular Formula:	C <sub>24</sub> H <sub>33</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	411.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

EBP-IN-1 (compound 11) is an inhibitor of emopamil-binding protein (EBP), a sterol isomerase in the cholesterol biosynthetic pathway. EBP-IN-1 has a long half-life in rodents and has good metabolic turnover and brain penetration properties. EBP-IN-1 enhances oligodendrocyte formation in human cortical organoids<sup>[1]</sup>.

## REFERENCES

[1]. Dorel R, et al. Discovery and Optimization of Selective Brain-Penetrant EBP Inhibitors that Enhance Oligodendrocyte Formation. *J Med Chem.* 2024 Mar 12.

**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