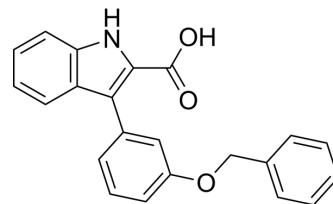


## IND 1316

Cat. No.:	HY-161163
CAS No.:	1888473-12-8
Molecular Formula:	C <sub>22</sub> H <sub>17</sub> NO <sub>3</sub>
Molecular Weight:	343.38
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

IND 1316 is an orally active, blood-brain barrier permeable AMPK activator with neuroprotective effects in animal models of Huntington's disease. IND 1316 can be used for research on neurodegenerative diseases, such as Alzheimer's disease and Parkinson's disease<sup>[1]</sup>.

## REFERENCES

[1]. Vela M, et al. Neuroprotective Effect of IND1316, an Indole-Based AMPK Activator, in Animal Models of Huntington Disease. ACS Chem Neurosci. 2022 Jan 19;13(2):275-287.

**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