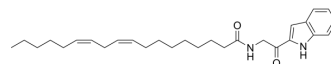


Termitomycamide B

Cat. No.:	HY-125603
CAS No.:	1254277-89-8
Molecular Formula:	C ₂₈ H ₄₀ N ₂ O ₂
Molecular Weight:	436.63
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Termitomycamide B (compound 2) is a neuroprotective agent that can be obtained from <i>Termitomyces titanicus</i> . Termitomycamide B effectively inhibits endoplasmic reticulum stress-dependent cell death. Termitomycamide B can be used in the study of neurodegenerative diseases ^{[1][2]} .
In Vitro	Termitomycamide B shows significant protective activity against endoplasmic reticulum (ER) stress-dependent cell death dose-dependently ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Choi JH, et al. Termitomycamides A to E, fatty acid amides isolated from the mushroom *Termitomyces titanicus*, suppress endoplasmic reticulum stress. *Org Lett*. 2010 Nov 5;12(21):5012-5.
- [2]. Yadav SK, et al. A Mechanistic Review on Medicinal Mushrooms-Derived Bioactive Compounds: Potential Mycotherapy Candidates for Alleviating Neurological Disorders. *Planta Med*. 2020 Nov;86(16):1161-1175.

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