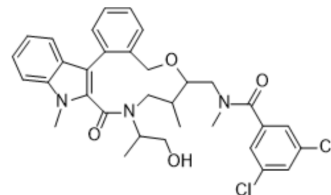


BRD1991

Cat. No.:	HY-125191
CAS No.:	2235468-02-5
Molecular Formula:	C ₃₃ H ₃₅ Cl ₂ N ₃ O ₄
Molecular Weight:	608.55
Target:	Bcl-2 Family; Beclin1
Pathway:	Apoptosis; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BRD1991 selectively disrupts Beclin 1/Bcl-2 binding and induces autophagy without triggering apoptosis or other forms of cell death ^[1] .
In Vitro	BRD1991 (20 μM, 24 h) can induce complete autophagic flux in HeLa/GFP-LC3 cells, exhibit mild cytotoxicity, and gradually accumulate intracellularly over time ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wei-Chung Chiang, et al. High-Throughput Screens To Identify Autophagy Inducers That Function by Disrupting Beclin 1/Bcl-2 Binding. ACS Chem Biol. 2018 Aug 17;13(8):2247-2260.

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