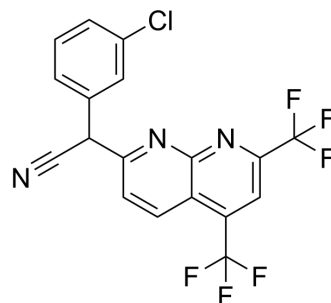


AMDE-1

Cat. No.:	HY-119137
CAS No.:	478043-30-0
Molecular Formula:	C ₁₈ H ₈ ClF ₆ N ₃
Molecular Weight:	415.72
Target:	Autophagy; AMPK
Pathway:	Autophagy; Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AMDE-1 is a potent autophagy inducer. AMDE-1 induces autophagy by the AMPK-mTORC1-ULK1 pathway and at the same time inhibited autophagy-mediated degradation by causing lysosome dysfunction. AMDE-1 can be used in research of cancer^[1].

REFERENCES

[1]. Li M, et, al. AMDE-1 is a dual function chemical for autophagy activation and inhibition. PLoS One. 2015 Apr 20;10(3):e0122083.

Caution: Product has not been fully validated for medical applications. For research use only.

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