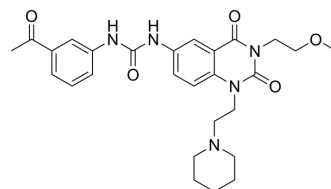


## COP1-ATGL modulator 1

Cat. No.:	HY-157416
CAS No.:	2946701-09-1
Molecular Formula:	C <sub>27</sub> H <sub>33</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	507.58
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

COP1-ATGL modulator 1 (86) is an orally active modulator for COP1-ATGL axis. COP1-ATGL modulator 1 (86) could increase ATGL protein expression, reduce ATGL ubiquitination and COP1 autoubiquitination, and diminish lipid accumulation in hepatocytes in the nanomolar range<sup>[1]</sup>.

### REFERENCES

[1]. Dipayan Sarkar, et al. Discovery and Development of Quinazolinones and Quinazolinidiones for Ameliorating Nonalcoholic Fatty Liver Disease (NAFLD) by Modulating COP1-ATGL Axis. *J Med Chem.* 2023 Dec 28;66(24):16728-16761.

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

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