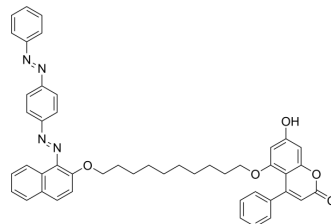


## LD-ATTEC4

Cat. No.:	HY-157209
CAS No.:	2722678-54-6
Molecular Formula:	C <sub>47</sub> H <sub>44</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	744.88
Target:	Autophagy; ATTECs; Atg8/LC3
Pathway:	Autophagy; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

LD-ATTEC4 (compound 4A) is a coupling compound that can bind to LC3, with a  $K_D$  of 0.39  $\mu$ M for LC3B. LD-ATTEC4 can connect autophagosomes with lipid droplets, inducing autophagy to clear lipid droplets<sup>[1]</sup>.

## REFERENCES

[1]. Boxun Lu, et al. Compounds used for the prevention or treatment of lipid metabolism related diseases. WO2021213518A1.

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

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