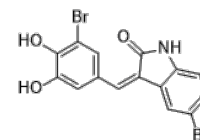


Product Name : AN1
Cat. No. : PC-22412
CAS No. : 486443-73-6
Molecular Formula : C₁₅H₉Br₂NO₃
Molecular Weight : 411.05
Target : Autophagy
Solubility : 10 mM in DMSO



CAS: 486443-73-6

Biological Activity

AN1 (HTT-LC3 linker AN1) is an alkenyl oxindole molecular glue that tethers mHTT to LC3, enabling the lysosomal degradation of mHTT, a **LC3/GABARAP**-binding ligand.

AN1 interacts with both mHTT and LC3B but not with wtHTT or irrelevant control proteins.

AN1 significantly lowered mHTT in cortices of HD mice.

References

Li Z, et al. *Nature*. 2019 Nov;575(7781):203-209.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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