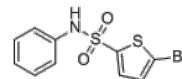


Product Name : ES9-17
Cat. No. : PC-72983
CAS No. : 55854-43-8
Molecular Formula : C₁₀H₈BrNO₂S₂
Molecular Weight : 318.203
Target : Clathrin
Solubility : 10 mM in DMSO



Biological Activity

ES9-17 is a non-protonophoric, improved Endosidin9 (ES9) analog that inhibits **clathrin heavy chain** (CHC) function in both Arabidopsis and human cells, inhibits clathrin-mediated endocytosis (CME).

ES9-17 inhibits transferrin uptake in HeLa cells with EC50 of 17.2 uM.

ES9-17 inhibits clathrin heavy chain (CHC) function in both Arabidopsis and human cells through affinity-based target isolation in vitro binding studies.

References

Dejonghe W, et al. *Nat Chem Biol.* 2019 Jun;15(6):641-649.

Dejonghe W, et al. *Nat Commun.* 2016 Jun 8;7:11710.

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

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