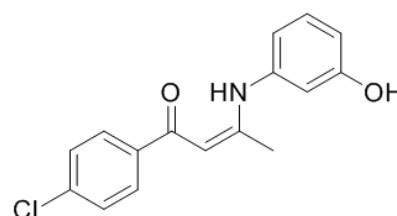


Product Name : SMER-18
Cat. No. : PC-45515
CAS No. : 944153-47-3
Molecular Formula : C₁₆H₁₄ClNO₂
Molecular Weight : 287.7409
Target : Autophagy
Solubility : 10 mM in DMSO



Biological Activity

SMER-18 is a small molecule autophagy enhancer that induces **autophagy** independently of rapamycin in mammalian cells and enhances the clearance of autophagy substrates such as mutant huntingtin and A53T alpha-synuclein. SMER-18 reduces toxicity in Huntington's disease models.

References

Sarkar S, et al. *Nat Chem Biol*. 2007 Jun;3(6):331-8.

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

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