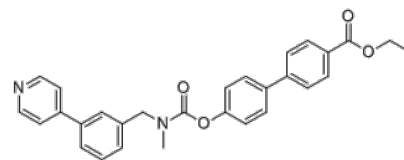


Product Name : WWL113
Cat. No. : PC-62253
CAS No. : 947669-86-5
Molecular Formula : C₂₉H₂₆N₂O₄
Molecular Weight : 466.537
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

WWL113 is a potent inhibitor of Carboxylesterase **Ces3** and **Ces1f** by competitive ABPP of enzymes recombinantly expressed in HEK293T cells (IC₅₀ value of 0.1 uM for each enzyme).

WWL113 does not inhibit any of the other serine hydrolases.

WWL113 reduces the activity signals for ABHD6, promotes lipid storage in cultured adipocytes and prevents basal lipolysis.

WWL113 ameliorates obesity-diabetes in mice.

References

Dominguez E, et al. *Nat Chem Biol.* 2014 Feb;10(2):113-21.

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

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