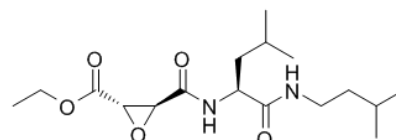


Product Name : Aloxistatin
Cat. No. : PC-42094
CAS No. : 88321-09-9
Molecular Formula : C₁₇H₃₀N₂O₅
Molecular Weight : 342.4305
Target : Cathepsin
Solubility : DMSO: ≥ 23 mg/mL



Biological Activity

Aloxistatin (E64d) is an irreversible, membrane-permeable inhibitor of lysosomal and cytosolic cysteine proteases with the ability to inhibit calpain activity in intact platelets.

Aloxistatin (E64d) reduces brain amyloid-β and improves memory deficits in Alzheimer's disease animal models by inhibiting **cathepsin B**.

References

Ostrowski LE, et al. *Cancer Res.* 1986 Aug;46(8):4121-8.

Hook G, et al. *J Alzheimers Dis.* 2011;26(2):387-408.

McGowan EB, et al. *Biochem Biophys Res Commun.* 1989 Jan 31;158(2):432-5.

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

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