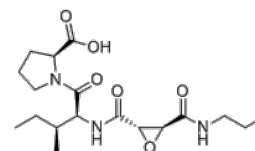


Product Name : CA-074
Cat. No. : PC-21936
CAS No. : 134448-10-5
Molecular Formula : C₁₈H₂₉N₃O₆
Molecular Weight : 383.45
Target : Cathepsin
Solubility : 10 mM in DMSO



Biological Activity

CA-074 is a potent, specific and cell-permeable inhibitor of cathepsin B with K_i of 2-5 nM. CA-074 displays 10,000-30,000 times greater inhibitory activity than cathepsin H and L. CA-074 improves memory and reduces beta-amyloid in transgenic Alzheimer disease mice.

References

Towatari T, et al. FEBS Lett. 1991 Mar 25;280(2):311-5.

Montaser M, et al. Biol Chem. 2002 Jul-Aug;383(7-8):1305-8.

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

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