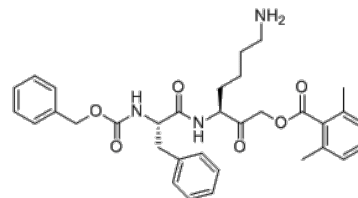


Product Name : GB111-NH2
Cat. No. : PC-61355
CAS No. : 956479-18-8
Molecular Formula : C₃₃H₃₉N₃O₆
Molecular Weight : 573.68
Target : Cathepsin
Solubility : 10 mM in DMSO



Biological Activity

GB111-NH2 (Z-Phe-Lys-AOMK) is a novel cysteine cathepsin inhibitor that blocks the activity of **cathepsins B, L and S**. GB111-NH2 (Z-Phe-Lys-AOMK) inhibits autophagy and increases oxidative stress, specifically trigger macrophage cell death.

References

Salpeter SJ, et al. *Oncogene*. 2015 Dec 10;34(50):6066-78.

Blum G, et al. *Nat Chem Biol*. 2005 Sep;1(4):203-9.

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

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