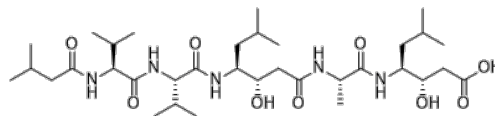


Product Name	: Pepstatin A
Cat. No.	: PC-25424
CAS No.	: 26305-03-3
Molecular Formula	: C ₃₄ H ₆₃ N ₅ O ₉
Molecular Weight	: 685.90
Target	: Other Targets
Solubility	: 10 mM in DMSO



Biological Activity

Pepstatin A (Pepstatin) is a potent, specific, orally active aspartic protease inhibitor with IC₅₀ of 4.5 nM, 6.2 nM, 150 nM, 290 nM, 520 nM and 260 nM for hemoglobin-pepsin, hemoglobin-proctase, casein-pepsin, casein-proctase, casein-acid protease and hemoglobin-acid protease, respectively.

References

Umezawa H, et al. J Antibiot (Tokyo). 1970 May;23(5):259-62.

Seelmeier S, et al. Proc Natl Acad Sci U S A. 1988 Sep;85(18):6612-6.

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

E-mail: tech@probechem.com