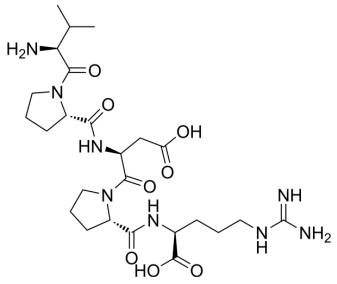
Enterostatin (rat)

Cat. No.:	HY-P3704
CAS No.:	117137-85-6
Molecular Formula:	$C_{25}H_{42}N_8O_8$
Molecular Weight:	582.65
Sequence Shortening:	VPDPR
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Enterostatin (rat), an orally active activation peptide of procolipase, selectively reduces fat intake. Enterostatin (rat) reduces serum cholesterol levels by way of a CCK1 receptor-dependent mechanism[1][2].
In Vivo	Enterostatin (rat) (50-100 mg/kg; p.o.) has a hypocholesterolemic effect mediated by CCK1 receptor in male ddY mice[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Animal Model:	Male ddY mice[1]
Dosage:	50 and 100 mg/kg
Administration:	Oral administration
Result:	Reduced serum cholesterol levels after oral administration at a dose of 100 mg/kg.

REFERENCES

[1]. Takenaka Y, et, al. Enterostatin reduces serum cholesterol levels by way of a CCK(1) receptor-dependent mechanism. Peptides. 2008 Dec;29(12):2175-8.

[2]. Erlanson-Albertsson C, et, al. Pancreatic procolipase propeptide, enterostatin, specifically inhibits fat intake. Physiol Behav. 1991 Jun;49(6):1191-4.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA