



Product Information

Product ID E5276

CAS No. 117830-79-2

Chemical Name

Synonym APGPR; Procolipase activation peptide.

Formula $C_{21}H_{36}N_3O_6$

Formula Wt. 496.57

Melting Point

Purity $\geq 97\%$

Solubility Soluble in water (0.7 mg/mL).

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Enterostatin is an endogenous anorexigenic peptide that regulates dietary fat intake and inhibits insulin secretion. Enterostatin binds the F1-ATPase β subunit and decreases serum cholesterol in a CCK-1 receptor-dependent manner.

Ala-Pro-Gly-Pro-Arg

Pricing and Availability

Bulk quantities available upon request

| Product ID | Size | List Price |
|------------|------|------------|
| E5276 | 1 mg | \$66.20 |
| E5276 | 2 mg | \$110.10 |
| E5276 | 5 mg | \$195.30 |

References Erlanson-Albertsson C. Fat-Rich Food Palatability and Appetite Regulation. In: Montmayeur JP, le Coutre J, editors. Fat Detection: Taste, Texture, and Post Ingestive Effects. Boca Raton (FL): CRC Press; 2010. Chapter 14. PMID: 21452478.

Takenaka Y, Shimano T, Mori T, et al. Enterostatin reduces serum cholesterol levels by way of a CCK(1) receptor-dependent mechanism. Peptides. 2008 Dec;29(12):2175-8. PMID: 18824202.

Lindqvist A, Berger K, Erlanson-Albertsson C. Enterostatin up-regulates the expression of the beta-subunit of F(1)F(o)-ATPase in the plasma membrane of INS-1 cells. Nutr Neurosci. 2008 Apr;11(2):55-60. PMID: 18510804.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.