

[Pyr1]-Apelin-13

The pyroglutamyl form of apelin-13 exhibited a high activity with an EC₅₀ value of 0.30 nM. pERPRLSHKGPMPF is probably the final product of the post-translational modification of apelin and the biologically active endogenous ligand. [Pyr1]-Apelin-13 has been identified as the predominant apelin isoform in the human heart. Pyr-Apelin-13 stimulates glucose utilization in normal and obese insulin-resistant mice. It could be required for the maintenance of insulin sensitivity.

Catalog No.	5991696
Size	
Product Category	Catalog Peptide
Sequence	Pyr-Arg-Pro-Arg-Leu-Ser-His-Lys-Gly-Pro-Met-Pro-Phe
CAS No.	217082-60-5
Mol. Formula	C ₆₉ H ₁₀₈ N ₂₂ O ₁₆ S
Mol. Weight	1533.85
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs