**Neuromedin B, pig**

**Product Information**

- **Product ID**: N1980
- **CAS No.**: 87096-84-2
- **Chemical Name**: 1-glycine-2-L-asparagine-3-L-leucine-4-de-L-glutamine-7-L-threonine-Ranatensin
- **Synonym**: 
- **Formula**: C_{52}H_{73}N_{15}O_{12}S
- **Formula Wt.**: 1132.3
- **Melting Point**:
  - **Purity**: ≥95%
  - **Solubility**: Soluble in water (1 mg/mL).
- **Store Temp**: -20°C
- **Ship Temp**: Ambient

**Description**: Neuromedin B is an endogenous bombesin-related peptide that binds BB receptors, displaying the greatest affinity for the BB1 receptor. Neuromedin B exhibits anorexigenic and cardiomodulatory activities, decreasing food intake, inducing bradycardia, and slowing gastric emptying in vivo. Neuromedin B also activates ERK1/2 signaling, increasing osteoblast proliferation and bone formation. Additionally, neuromedin B increases secretion of luteinizing hormone (LH) and gonadotropin-releasing hormone (GnRH) in vitro and in vivo.

**References**


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