

Rev02
Update: Nov,23,2023

DATASHEET

Bombesin

Cat. No.: RP11157

Overview

Description	Bombesin is a 14 amino acid peptide originally isolated from the skin of a frog. Bombesin has two known homologues in mammals called neuromedin B and gastrin releasing peptide. Bombesin works on the gastrointestinal tract neuroendocrine hormone and bombesin stimulates gastrin release from G cells. Bombesin activates three different G-protein coupled receptors known as BBR1 2 and 3. Bombesin also activates these receptors in the brain. Together with cholecystokinin bombesin is the second major source of negative feedback signals that stop eating behavior.
Cas No	31362-50-2
Sequence	{pGLU}{GLN}{ARG}{LEU}{GLY}{ASN}{GLN}{TRP}{ALA}{VAL}{GLY}{HIS}{LEU}{MET}
Sequence Shortening	{pGLU}QRLGNQWAVGHLM
Molecular Formula	C ₇₁ H ₁₁₀ N ₂₄ O ₁₈ S ₁
C Terminal	NH ₂
Molecular Weight	1619.9

Properties

Purity	> 95%
Solubility	20 mg/ml CH ₃ COOH 0.05 M clear, colorless
Form	Lyophilized
Storage	Store at -20°C

Examples



生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

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