

Rev01
Update: Dec,28,2022

DATASHEET

Bombesin

Cat. No.: RP11157CN

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	GLP-GLN-ARG-LEU-GLY-ASN-GLN-TRP-ALA-VAL-GLY-HIS-LEU-MET-NH ₂
-----------------	---

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
----------------	----------------