

Rev02  
 Update: Nov,23,2023

## DATASHEET

# Bombesin

Cat. No.: RP11157

## Overview

<b>Description</b>	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.
<b>Cas No</b>	31362-50-2
<b>Sequence</b>	{pGLU}{GLN}{ARG}{LEU}{GLY}{ASN}{GLN}{TRP}{ALA}{VAL}{GLY}{HIS}{LEU}{MET}
<b>Sequence Shortening</b>	{pGLU}QRLGNQWAVGHLM
<b>Molecular Formula</b>	C <sub>71</sub> H <sub>110</sub> N <sub>24</sub> O <sub>18</sub> S <sub>1</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	1619.9

## Properties

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

## Examples



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