

Rev03
Update: Feb,10,2022

DATASHEET

Exendin (9-39)

Cat. No.: RP10872

Overview

Description	Exendin (9-39) is an inverse agonist of the murine glucagon-like peptide-1 receptor. There are implications for basal intracellular cyclic adenosine 3', 5'-monophosphate levels and beta-cell glucose competence. Exendin (9-39) is a competitive inhibitor of Exendin-3 and Exendin-4. On digestive smooth muscle, exendin (9-39) behaves as an antagonist for two members of the glucagon-receptor family, GLP-1 and glicentin.
Cas No	133514-43-9
Sequence	{ASP}{LEU}{SER}{LYS}{GLN}{MET}{GLU}{GLU}{GLU}{ALA}{VAL}{ARG}{LEU}{PHE}{ILE}{GLU}{TRP}{LEU}{LYS}{ASN}{GLY}{GLY}{PRO}{SER}{SER}{GLY}{ALA}{PRO}{PRO}{PRO}{SER}-NH ₂
Sequence Shortening	DLSKQMEEEAVRLFIEWLKNGGPSSGAPPPS-NH ₂
Molecular Formula	C ₁₄₉ H ₂₃₄ N ₄₀ O ₄₇ S ₁
C Terminal	NH ₂
Molecular Weight	3369.76

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C.
Note	Specific exendin receptor antagonist.