

## Linaclotide

Cat. No. CEPP-002

Lot. No. (See product label)

### Introduction

**Description** Linaclotide, also known as linaclotide acetate, trade name Linzess, is a synthetic peptide structure containing 14 amino acids related to the endogenous guanylyl peptide family, and is the only FDA-approved clinically available intestinal locally-activated GC-C (guanylate cyclase-C) agonist analog for the treatment of constipated irritable bowel syndrome (IBS-C) and chronic idiopathic constipation (CIC) adult patients.

**Applications** For the treatment of constipated irritable bowel syndrome (IBS-C) and chronic idiopathic constipation (CIC).

### Product Information

**CAS No.** 851199-59-2

**Molecular Formula** C<sub>59</sub>H<sub>79</sub>N<sub>15</sub>O<sub>21</sub>S<sub>6</sub>

**Molecular Weight** 1525.39Da

**Amino Acid Sequence** H-Cys-Cys-Glu-Tyr-Cys-Cys-Asn-Pro-Ala-Cys-Thr-Gly-Cys-Tyr-OH(Disulfide bond Cys1&Cys6, Cys2&Cys10, Cys5&Cys13)

### Usage and Packaging

**Package** 50G/Bottle or at customers requirement.

### Storage and Shipping Information

**Storage** -25~-15°C