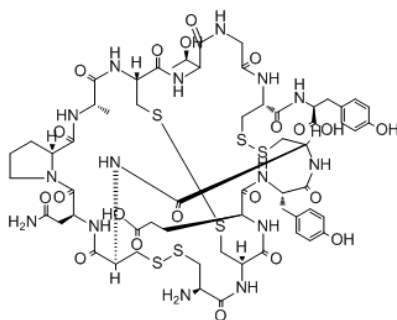


**Product Name** : Linaclotide  
**Cat. No.** : PC-45371  
**CAS No.** : 851199-59-2  
**Batch No.** : PC-4537101  
**Chemical Name** : L-Tyrosine, L-cysteinyl-L-cysteinyl-L- $\alpha$ -glutamyl-L-tyrosyl-L-cysteinyl-L-cysteinyl-L-asparaginyl-L-prolyl-L-alanyl-L-cysteinyl-L-threonylglycyl-L-cysteinyl-, cyclic (1 $\rightarrow$ 6),(2 $\rightarrow$ 10), (5 $\rightarrow$ 13)-tris(disulfide)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 1526.736  
**Molecular Formula** : C<sub>59</sub>H<sub>79</sub>N<sub>15</sub>O<sub>21</sub>S<sub>6</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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