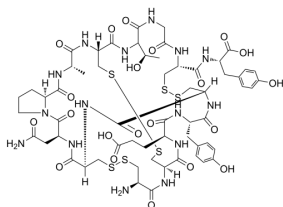


Certificate of Analysis

Product Name:	Linaclotide
Cat. No.:	CS-3577
CAS No.:	851199-59-2
Batch No.:	17352
Chemical Name:	L-Tyrosine, L-cysteinyl-L-cysteinyl-L- α -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(di sulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₅₉ H ₇₉ N ₁₅ O ₂₁ S ₆
Molecular Weight:	1526.74
Storage:	-80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture)
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	98.18%
Water(Karl Fischer):	4.4%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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