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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Linaclotide acetate

Cat. No.:	HY-17584A
CAS No.:	851199-60-5
Molecular Formula:	C ₆₁ H ₈₃ N ₁₅ O ₂₃ S ₆
Molecular Weight:	1586.79
Sequence:	Cys-Cys-Glu-Tyr-Cys-Cys-Asn-Pro-Ala-Cys-Thr-Gly-Cys-Tyr (disulfide bridge: Cys1-Cys6; Cys2-Cys10; Cys5-Cys13)
Sequence Shortening:	CCEYCCNPACTGCTY (disulfide bridge: Cys1-Cys6; Cys2-Cys10; Cys5-Cys13)
Target:	Guanylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Linaclotide acetate is a potent and selective guanylate cyclase C agonist; developed for the treatment of constipation-predominant irritable bowel syndrome (IBS-C) and chronic constipation.
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CUSTOMER VALIDATION

- Nat Biomed Eng. 2020 May;4(5):560-571.
- Biomed Pharmacother. 2021 Jun;138:111426.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Bryant AP, et al. Linaclotide is a potent and selective guanylate cyclase C agonist that elicits pharmacological effects locally in the gastrointestinal tract. Life Sci. 2010 May 8;86(19-20):760-5.
- [2]. Love BL, et al. Linaclotide: a novel agent for chronic constipation and irritable bowel syndrome. Am J Health Syst Pharm. 2014 Jul 1;71(13):1081-91.

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

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