

## Fexapotide

Cat. No.:	HY-P3501
CAS No.:	492447-54-8
Molecular Formula:	C <sub>90</sub> H <sub>163</sub> N <sub>27</sub> O <sub>25</sub> S
Molecular Weight:	2055.49
Sequence:	Ile-Asp-Gln-Gln-Val-Leu-Ser-Arg-Ile-Lys-Leu-Glu-Ile-Lys-Arg-Cys-Leu
Sequence Shortening:	IDQQVLSRIKLEIKRCL
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Fexapotide (NX-1207 free acid) induces apoptosis selectively, reducing prostate volume at a cellular level. Fexapotide can be used in lower urinary tract symptoms (LUTS) and benign prostatic hyperplasia (BPH) research<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Shore N, et al. Efficacy and safety of fexapotide trifluate in outpatient medical treatment of male lower urinary tract symptoms associated with benign prostatic hyperplasia. *Ther Adv Urol*. 2019 Jan 14;11:1756287218820807.
- [2]. Shore N, et al. Fexapotide trifluate: results of long-term safety and efficacy trials of a novel injectable therapy for symptomatic prostate enlargement. *World J Urol*. 2018 May;36(5):801-809.
- [3]. Shore N, et al. The potential for NX-1207 in benign prostatic hyperplasia: an update for clinicians. *Ther Adv Chronic Dis*. 2011 Nov;2(6):377-83.

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

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