

## Urocortin III(trifluoroacetate salt) Biochemical

Urocortin III (human)(trifluoroacetate salt)

CATALOG #  
AAA227076

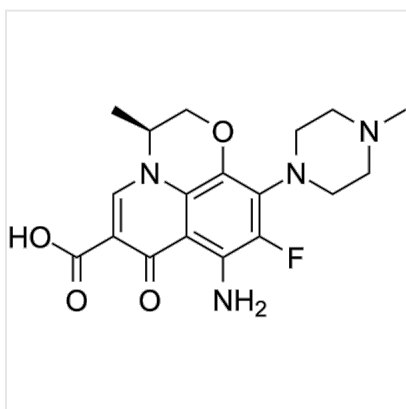
### PRODUCT SYNONYMS

Urocortin III(trifluoroacetate salt); Urocortin III (human)(trifluoroacetate salt); Urocortin III(trifluoroacetate salt) biochemical

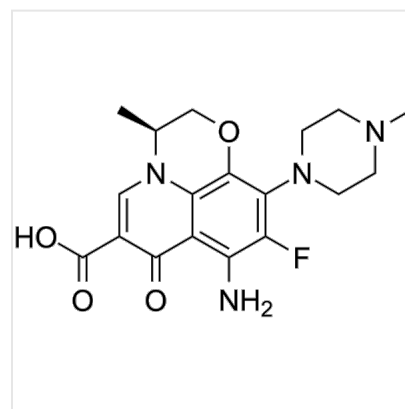
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                          |
| Solubility              | DMSO: 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                 |
| In vitro                | In vivo, urocortin III reduces food intake in a dose- and time-dependent manner in mice with a minimum effective dose (MED) of 0.3 nmol/animal. <sup>3</sup> It increases swimming time in a forced swim test in mice, indicating antidepressant-like activity. <sup>4</sup> |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                     |

### IMAGES



Structure  
Antofloxacin, CAS 119354-43-7



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### ADDITIONAL INFORMATION

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| Related Product Information for Urocortin III(trifluoroacetate salt) biochemical | Urocortin III is a neuropeptide hormone and member of the corticotropin-releasing factor (CRF) family which includes mammalian CRF, urocortin, urocortin II, frog sauvagine, and piscine urotensin I.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| References                                                                       | <ol style="list-style-type: none"> <li>1. He XJ, et al. Efficacy and Safety of Antofloxacin-Based Triple Therapy for Helicobacter pylori Eradication Failure in China [published online ahead of print, 2021 Feb 8]. Dig Dis Sci. 2021;10.1007/s10620-021-06856-z.</li> <li>2. Liu L, et al. Modulation of pharmacokinetics of theophylline by antofloxacin, a novel 8-amino-fluoroquinolone, in humans. Acta Pharmacol Sin. 2011;32(10):1285-1293.</li> <li>3. Zhou YF, et al. In Vivo Pharmacokinetic and Pharmacodynamic Profiles of Antofloxacin against Klebsiella pneumoniae in a Neutropenic Murine Lung Infection Model. Antimicrob Agents Chemother. 2017;61(5):e02691-16. Published 2017 Apr 24.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/urocortin-iii-trifluoroacetate-salt/227076>