



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Leupeptin Hemisulfate\_  
**Catalog Number:** 151553\_  
**Lot:** QR11036\_

**Formula:**  $C_{20}H_{38}N_6O_4 \cdot \frac{1}{2}H_2SO_4$   
**CAS #:** 103476-89-7  
**Physical Description:** White Powder

**Formula Weight:** 475.60  
**Storage:** -20°C, desiccate, protect from light

Test	Specification	Result
Identity Test	Passes	Passes

FTIR: Conforms to standard  
Recommended Retest Date: 08/26/2017

08/26/2015 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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<mailto:biotech@mpbio.com>  
<http://www.mpbio.com>

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