

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Roseoflavin_

Catalog Number: 154252_

Lot: 1209K_

Formula: C₁₈H₂₃N₅O₆

CAS #: 51093-55-1

Physical Description: Clear, Brown Powder

Formula Weight: 405.41

Storage: -0°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥97%	≥97%

Melting Point: 283-286°C

Solubility: DMSO

Purity: 97%

TLC Conditions: SiO₂: Dichloromethane:methanol; 3:1; Visualizwd with UV; R_f=0.6.

¹H NMR: Conforms to Structure

07/28/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)