

## Product Information

### Compound Name

Amoxicillin Impurity M

### Synonyms

(2S,5R,6R)-6-(2-((R)-2-amino-2-(4-hydroxyphenyl)acetamido)-2-((4S)-4-carboxy-5,5-dimethylthiazolidin-2-yl)acetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

### Chemical Formula

C<sub>24</sub>H<sub>31</sub>N<sub>5</sub>O<sub>8</sub>S<sub>2</sub>

### Molecular Weight

581.66

### Catalogue Number

A0039.37

### Lot No.

YJA-375-16

### Long-Term Storage Conditions

-20°C

### Shipping Conditions

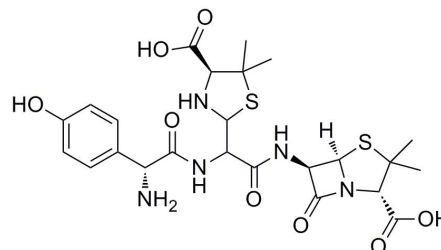
Ice Pack

### Appearance

White Solid

**Test Date:** July. 14, 2025

**Re-test Date:** July. 13, 2028



CAS No. : N/A

## Analytical Information

### Solubility

DMSO

### Weight Loss by TGA

4.14%

### Method for Determining Identity

MS, <sup>1</sup>H NMR (D<sub>2</sub>O), IR, TGA

### Purity (HPLC)

95.16%

### Potency

91.22%

QA Manager

Tel: +1 (510) 225-4077

Fax: +1 (510) 373-2446

Laboratory Director

<http://www.aozeal.com>

E-mail:[info@aozeal.com](mailto:info@aozeal.com)