

Product Information

Compound Name

Amoxicillin Trimer Impurity

Synonyms

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

Chemical Formula

C₄₈H₅₇O₁₅N₉S₃

Molecular Weight

1096.21

Catalogue Number

A0039.68

Lot No.

EFA-683-27

Long-Term Storage Conditions

-20°C, In vacuo, Darkness

Shipping Conditions

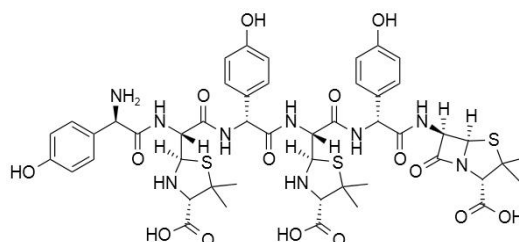
Ice Pack

Appearance

White Solid

Test Date: Feb. 19, 2023

Re-test Date: Feb. 18, 2026



CAS No. : 174391-69-6

Analytical Information

Solubility

DMSO

Weight Loss by TGA

19.31%

Method for Determining Identity

MS, ¹H NMR (D₂O), ¹³C NMR (DMSO-d₆), IR, TGA

Purity (HPLC)

91.49%

Potency

73.82%

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)