

Product Information

Compound Name

Ertapenem Impurity 4

Synonyms

(4R,5S,6S)-3-{{[(3S,5S)-1-[(2S,3R)-2-[(2S,3R)-5-Carboxy-4-{{[(3S,5S)-5-[(3-carboxyphenyl)carbamoyl]pyrrolidin-3-yl]sulfanyl}-3-methyl-3,4-dihydro-2H-pyrrol-2-yl]-3-hydroxybutanoyl]-5-[(3-carboxyphenyl)carbamoyl]pyrrolidin-3-yl]sulfanyl}-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid

Chemical Formula

C₄₄H₅₀O₁₄N₆S₂

Molecular Weight

951.03

Catalogue Number

E0076.04

Lot No.

YME-043-29

Long-Term Storage Conditions

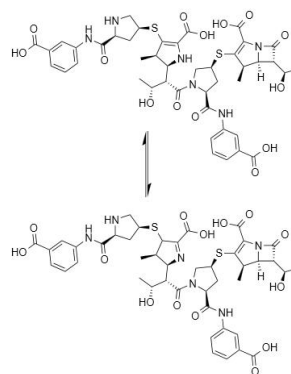
-20°C

Shipping Conditions

Ice Pack

Test Date: May. 25, 2023

Re-test Date: May. 24, 2026



CAS No. : N/A

Analytical Information

Solubility

H₂O

Appearance

Off-white Solid

Method for Determining Identity

MS, ¹H NMR (D₂O), ¹³C NMR (D₂O), IR

Purity (HPLC)

93.52%

Assay (qNMR)

90.26%(Maleic acid as internal standard)

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)

CERTIFICATE OF ANALYSIS