



CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

89604-92-2

Catalogue Number:

TRC-M252610

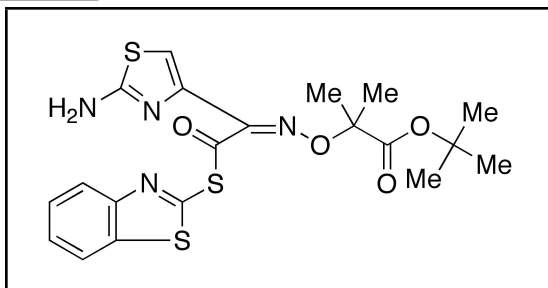
Product:

2-Mercaptobenzothiazolyl-(Z)-(2-aminothiazol-4-yl)-2-(tert-butoxycarbonyl)isopropoxyiminoacetate

Synonyms:

2-[[[(Z)-[1-(2-Amino-4-thiazolyl)-2-(2-benzothiazolylthio)-2-oxoethylidene]amino]oxy]-2-methylpropanoic Acid 1,1-Dimethylethyl Ester;

Structure:



Molecular Formula:

C₂₀H₂₂N₄O₄S₃

Molecular Weight:

478.61

Source of Product:

N/A

2. Analytical Information

Lot Number:

10-XJZ-48-1

Atmosphere:

Inert Gas

Melting Point:

>190.0°C (dec.)

Solubility

Chloroform, Methanol

Appearance of Product:

Pale Yellow Solid

Stability

Hygroscopic

Method for Determining Identity:

¹H NMR (CDCl₃) and MS

Long Term Storage Condition:

-20°C, Hygroscopic

Purity:

98%

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and KMnO₄; R_f = 0.70.

¹H NMR and MS conform to structure.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

Philip Chan, Head of Quality Assurance

QC Test Date

February 6, 2015

Retest Date

February 3, 2022