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CERTIFICATE OF ANALYSIS

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1. Identification

CAS Number:

144689-24-7

Catalogue Number:

O550001

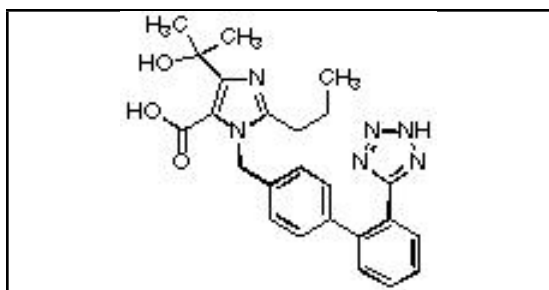
Product:

Olmesartan Acid

Synonyms:

4-(1-(1-Hydroxy-1-methylethyl)-2-propyl-1-[[2'-(1H-tetazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-carboxylic Acid; CS 088; RNH 6270;

Structure:



Molecular Formula:

C₂₄H₂₆N₆O₃

Molecular Weight:

446.50

Source of Product:

Synthetic

2. Analytical Information

Lot Number:

3-SRR-109-4

Melting Point:

>174.0°C (dec.)

Boiling Point:

N/A

Atmosphere:

Air

Appearance of Product:

Pale Beige Solid

Solubility

DMSO, Methanol (Sparingly)

Method for Determining Identity:

¹H NMR (DMSO-d₆) and MS

Stability

Not Determined

Purity:

97%

Long Term Storage Condition:

-20°C Freezer

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Ammonium Hydroxide = 8 : 2 : 0.5; Visualized with UV and AMCS; R_f = 0.40.

¹H NMR and MS conform to structure.

Elemental Analysis: (Found) %C: 62.08, %H: 5.98, %N: 18.18; (Calculated) %C: 64.56, %H: 5.87, %N: 18.82

Water Content: 3.9% based on Elemental Analysis

Philip Chan, Quality Control Supervisor

QC Test Date

April 27, 2015

Retest Date

April 25, 2020