

Certificate of Analysis

20 Martin Ross Ave., Toronto, ON. M3J 2K8 Canada Tel: (416) 665-9696 Fax: (416) 665-4439 E-mail: orders@trc-canada.com Website: www.trc-canada.com

1. Identification

CAS Number:

19740-72-8

Catalogue Number:

B382150

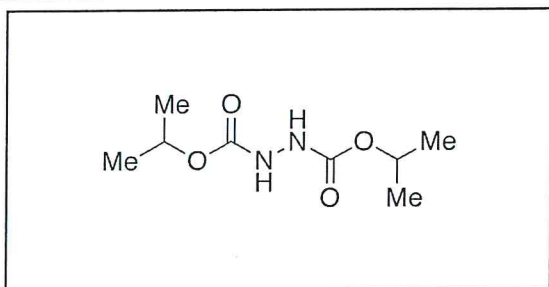
Product:

Bicarbamic Acid Diisopropyl Ester

Synonyms:

1,2-Hydrazinedicarboxylic Acid 1,2-Bis(1-methylethyl) Ester; 1,2-Hydrazinedicarboxylic Acid Bis(1-methylethyl) Ester; Bis(1-methylethyl) hydrazine-1,2-dicarboxylate; Celogen HT 500; Diisopropyl 1,2-Hydrazinedicarboxylate; Diisopropyl Hydrazodicarboxylate; NSC 29147; USP Orlistat Related Compound B; Orlistat USP Related Compound B

Structure:



Molecular Formula:

C₈H₁₆N₂O₄

Molecular Weight:

204.22

Source of Product:

N/A

2. Analytical Information

Lot Number:

3-JLW-136-1

Melting Point:

105 - 107°C

Appearance of Product:

White Solid

Method for Determining Identity:

¹H NMR (CDCl₃) and MS

Purity:

97%

Atmosphere:

Air

Solubility

Chloroform (Slightly), Methanol (Slightly)

Stability

Not Determined

Long Term Storage Condition:

Refrigerator

Shipping Condition

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with KMnO₄; Single Spot, R_f = 0.70.

¹H NMR and MS conform to structure.

Elemental Analysis: (Found) %C: 47.18, %H: 7.88, %N: 13.57; (Calculated) %C: 47.05, %H: 7.90, %N: 13.72

Purity is based on the analytical results of the tests performed. NMR and TLC may have an accuracy of +/- 2%. Isotopic purity is based on mass distribution observed.


Philip Chan, Head of Quality Assurance

QC Test Date

April 26, 2017

Retest Date

April 24, 2021