



# CERTIFICATE OF ANALYSIS

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## 1. Identification

### Catalogue Number:

F700570

**CAS Number:** 130793-27-0

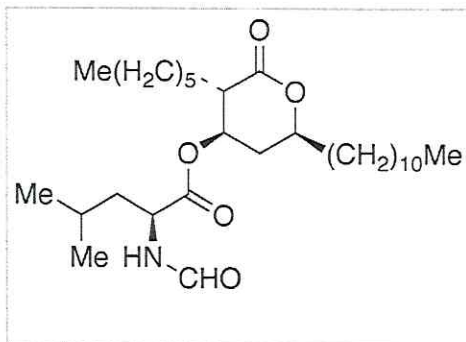
### Product:

N-Formyl-L-leucine (3S,4R,6S)-3-Hexyltetrahydro-2-oxo-6-undecyl-2H-pyran-4-yl Ester

### Synonym:

3S-(3 $\alpha$ ,4 $\beta$ ,6 $\beta$ )]-N-Formyl-L-leucine 3-Hexyltetrahydro-2-oxo-6-undecyl-2H-pyran-4-yl Ester; Orlistat USP Related Compound D

### Structure:



### Molecular Formula:

C<sub>29</sub>H<sub>53</sub>NO<sub>5</sub>

### Molecular weight:

495.73

### Source of Product:

Synthetic

### Solubility:

Chloroform (Slightly), Methanol (Slightly)

### Lot Number:

3-LIU-181-1

### Purity:

97%

### Shipping Condition:

This Product Is Stable To Be Shipped At Room Temperature

### Storage Condition:

-20°C Freezer, Under Inert Atmosphere

## 2. Warning

### Warning 1:

### Warning 2:

### Warning 3:

## 3. Analytical Information

### Tests:

NMR

MS

Elemental Analysis

Appearance

### Specifications:

Conforms to structure

Conforms to Structure

Conforms

### Results:

Conforms

Conforms

Refer: Additional Information

Clear Colourless Thick Oil

### Additional Information:

TLC Conditions: SiO<sub>2</sub>; Ethyl Acetate : Hexane = 1 : 1; Visualized with AMCS ; Single Spot, R<sub>f</sub> = 0.60 □ 1H NMR and MS conform to structure. □ Elemental Analysis: (Found) %C: 69.63, %H: 11.34, %N: 2.50; (Calculated) %C: 70.26, %H: 10.78, %N: 2.83 □ Contains: ~1.75% Dichloromethane

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.

## 4. Signatures

### Reviewed By

Philip Chan

### Reviewed By

### C of A Approved By

### Test Date

9/16/2015

### Retest Date

9/14/2022