



CERTIFICATE OF ANALYSIS

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1. Identification

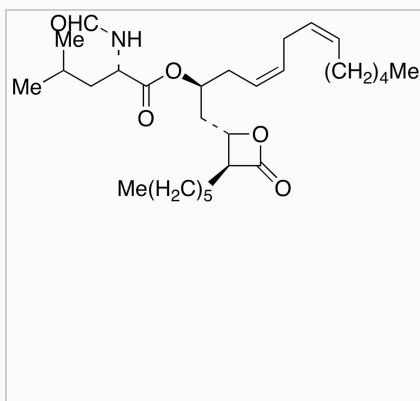
Catalogue Number: L468800

CAS Number: 96829-59-3

Product: Lipstatin

Synonym: N-Formyl-L-leucine (1S,3Z,6Z)-1-[[[(2S,3S)-3-Hexyl-4-oxo-2-oxetanyl]methyl]-3,6-

Structure:



Molecular Formula:

C₂₉H₄₉NO₅

Molecular weight:

491.7

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl
Acetate (Slightly), Methanol
(Slightly)

Lot Number: 7-ABS-141-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Light Yellow Oil to Thick Oil	Clear Light Yellow Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.62, %H: 9.89, %N: 2.99
HPLC Purity	Report Result	95.69% (200 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-15.8° (c = 0.3, Chloroform)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	8/2/2023	7/31/2027