



CERTIFICATE OF ANALYSIS

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1. Identification

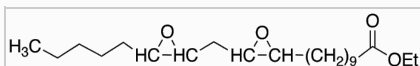
Catalogue Number: E916000

CAS Number: 355803-78-0

Product: Ethyl 11,14-Diepoxyeicosanoate

Synonym: 3-[(3-Pentyloxiranyl)methyl]oxiranedecanoic Acid Ethyl Ester; 3-[(3-Pentyl-2-oxiranyl)methyl]-2-oxiranedecanoic Acid Ethyl Ester;

Structure:



Molecular Formula:

$\text{C}_{22}\text{H}_{40}\text{O}_4$

Molecular weight:

368.56

Source of Product:

Synthetic

Solubility:

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

Lot Number: 10-YEN-11-3

Purity: 98%

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:
HPLC Purity	Report Result	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Appearance	White to Yellow Thick Oil to Low-Melting Solid	Off-White to Pale Yellow Low-Melting Solid
NMR	Conforms to Structure	Conforms

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
Henry Tieu	Toni Rantanen	Chanell Chu	11/22/2021	11/20/2025