Toronto Research Chemicals
products for innovative research

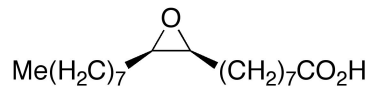
Certificate of Analysis

1. Identification

Catalogue Number
E589895

Lot Number
2-MSC-49-2

Structure



Product Name
rac cis-9,10-Epoxystearic Acid

Synonyms
(2R,3S)-rel-3-Octyl-2-oxiraneoctanoic Acid; cis-9,10-Epoxyoctadecanoic Acid; (2R,3S)-rel-3-Octyloxiraneoctanoic Acid; cis-3-Octyloxiraneoctanoic Acid; cis-9,10-Epoxyoctadecanoate; cis-9,10-Epoxyoctadecanoic Acid; cis-9,10-Epoxystearic Acid; cis-DL-9,10-Epoxystearic Acid; cis-Epoxystearic Acid;

CAS Number
24560-98-3

Solubility
Chloroform (Slightly), Methanol (Slightly)

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

Molecular Formula
$C_{18}H_{34}O_3$

Source of Product
Synthetic

Long Term Storage Conditions
4°C, Inert atmosphere

Molecular Weight
298.46

Purity
>95%

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
Appearance	White Solid	White Solid
NMR	Conforms to Structure	Conforms
GC Purity	>95%	95.25%
MS	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 ± 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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	8/2/2023	7/31/2030
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		