

1. Identification

Catalogue Number

S357026

Lot Number

2025-NKR-033

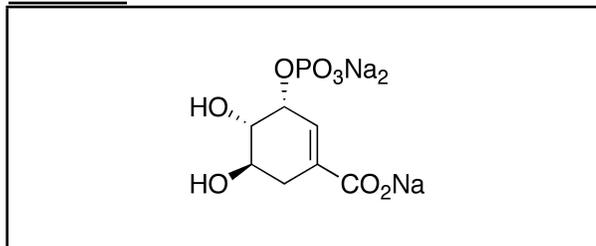
Product Name

Shikimate-3-phosphate Trisodium Salt (~90%)

Synonyms

(3R,4S,5R)-4,5-Dihydroxy-3-(phosphonoxy)-1-cyclohexene-1-carboxylic Acid Sodium Salt; [3R-(3 α ,4 α ,5 β)]-4,5-Dihydroxy-3-(phosphonoxy)-1-

Structure



CAS Number

143393-03-7

Solubility

Methanol (Very Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice, Dry Pack

Molecular Formula

C₇H₈Na₃O₈P

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

320.08

Purity

>90%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 23.26, %H: 2.98

HPLC Purity

Report Result

100.00% (200 nm)

MS

Conforms to Structure

Conforms

Sodium Content

Report Result

17.6%

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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Sadaf Samadi

Test Date

6/19/2025

Retest Date

6/17/2029

Swathi Reddy

Manager, Quality Assurance

Sadaf Samadi

Product Quality Specialist

Quality Assurance Associate