

1. Identification

Catalogue Number

T875502

Lot Number

EF-207

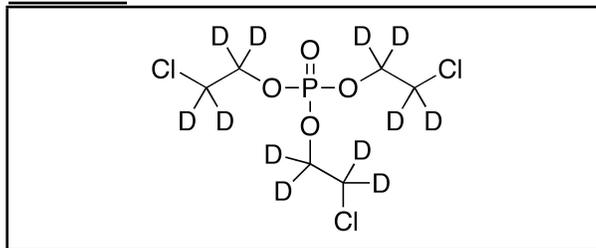
Product Name

Tris(2-chloroethyl)phosphate-d12

Synonyms

2-Chloroethanol-d12 Phosphate; 3CF-d12; Amgard TCEP-d12; CLP-d12; Celluflex CEF-d12; Disflamoll TCA-d12; Fyrol CEF-d12; Fyrol CF-d12; Genomoll P-d12; NSC 3213-d12; Niax 3CF-d12; Tri(chloroethyl)phosphate-d12; Tri(β -chloroethyl)

Structure



CAS Number

1276500-47-0

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆D₁₂Cl₃O₄P

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

297.56

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil

Results

Colourless Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 24.50, %H: 3.88

GC Purity

>95%

99.79%

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.7%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 0.01%, d₈ = 0.02%, d₉ = 0.00%, d₁₀ = 0.05%, d₁₁ = 3.14%, d₁₂ = 96.79%

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

7/31/2025

Retest Date

7/29/2029