

**1. Identification**Catalogue Number

T891902

Lot Number

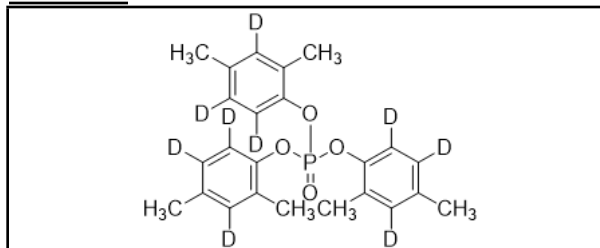
5-GRK-33-2

Product Name

Trixylyl Phosphate-d9

Synonyms

Dimethyl-phenol Phosphate-d9; Xylenol Phosphate-d9; Xylyl Phosphate-d9; Antiblaze 524-d9; Antiblaze TXP-d9; Coalite NTP-d9; Durad 220X-d9; Durad TXP-d9; Fyrquel L-d9; Phosflex 179-d9; Phosphoric Acid Trixylyl Ester-d9; TXP-d9; Trixylenyl Phosphate-d9;

StructureCAS Number

N/A

Solubility

Acetonitrile (Slightly), Chloroform (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₄H₁₈D₉O₄PSource of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

419.5

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.79, %H: 6.59
HPLC Purity	>95%	98.14% (200 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.1%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.01%, d₅ = 0.03%, d₆ = 0.26%, d₇ = 2.68%, d₈ = 19.82%, d₉ = 77.20%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			7/14/2025	7/12/2029
Vijaya Annapareddy	Toni Rantanen	Sadaf Samadi		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		