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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2025

Product Name: Latanoprost EP Impurity D

Identification:

Chemical Name: Propan-2-yl 5-(diphenylphosphoryl)pentanoate

Synonyms : Diphenylphosphine Isopropyl Ester

CAS Number : 2088449-88-9

CAT Number : CP-L32004

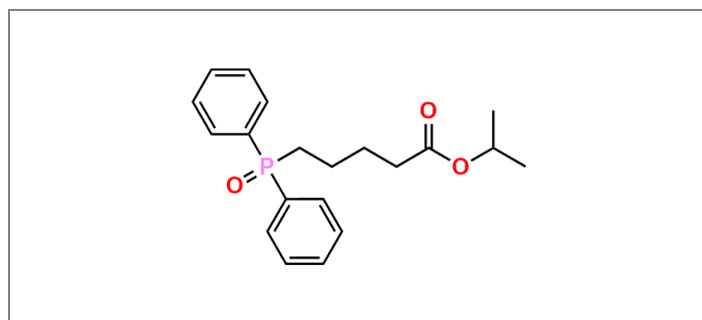
Molecular Formula : C₂₀H₂₅O₃P

Molecular Weight : 344.39

Batch Number : CHEM-LAT-D

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/CDCl ₃
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.72%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.