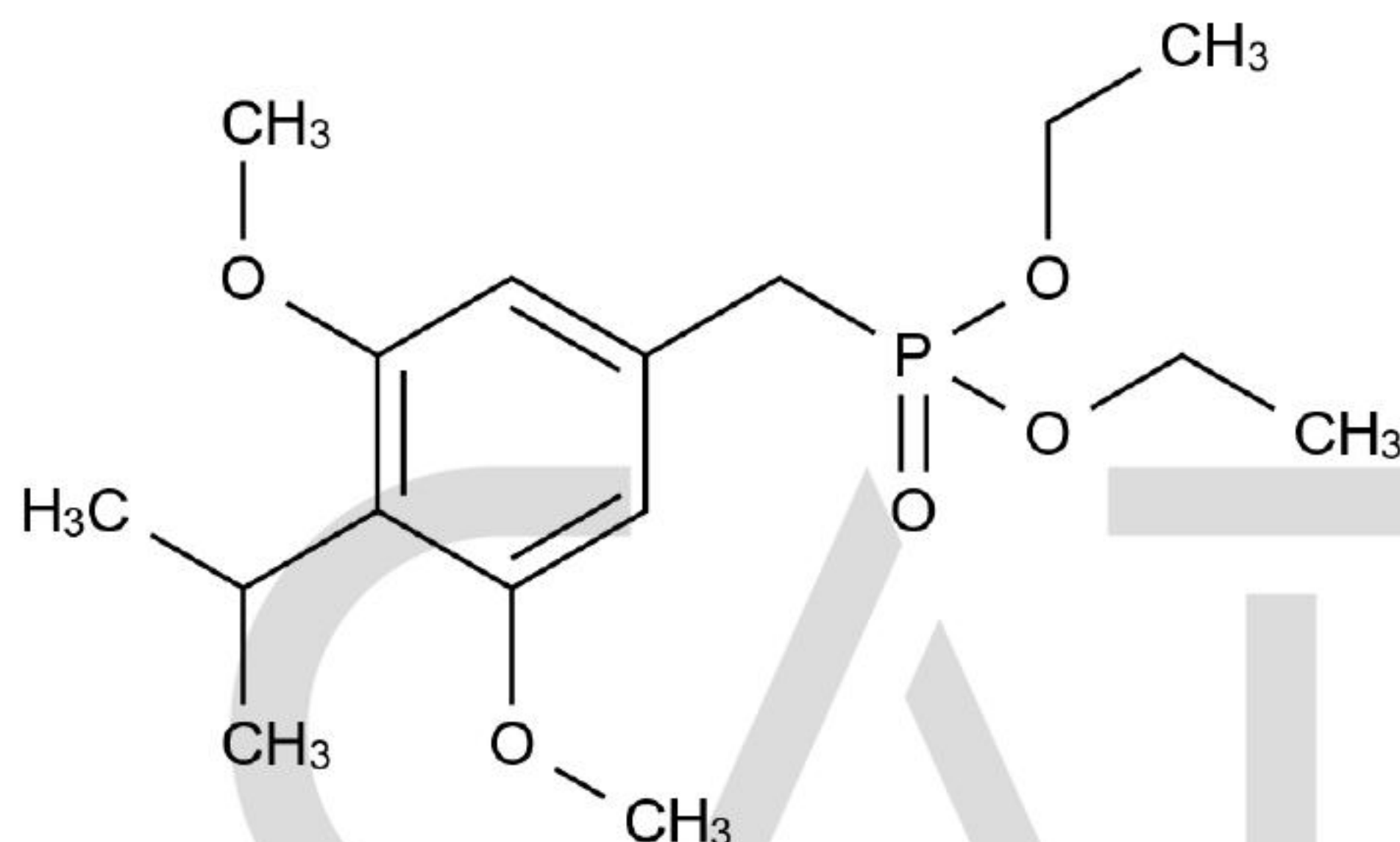


Certificate of Analysis

Reference Material & Standard

Product Name:	Diethyl (4-isopropyl-3,5-dimethoxybenzyl)phosphonate	Catalogue Number:	C1802455
Synonyms:	N/A	Lot Number:	1125-RF-0064
CAS Number:	443982-76-1	Expiry Date:	Nov 26, 2027
Molecular Formula:	C ₁₆ H ₂₇ O ₅ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	330.36	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.815%
Loss On Drying	TGA	0.8609%
Assay		96.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 27, 2024

Date: Nov 27, 2024

Date: Nov 27, 2024

