



CERTIFICATE OF ANALYSIS

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1. Identification

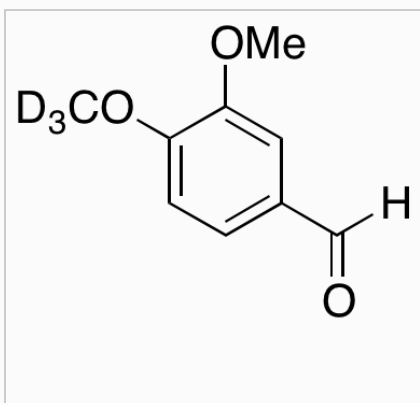
Catalogue Number: D469637

CAS Number: 143318-06-3

Product: 3,4-Dimethoxybenzaldehyde-d3

Synonym: Veratraldehyde (7CI,8CI)-d3; 3,4-Dimethoxybenzaldehyde-d3; 3,4-Dimethoxybenzenecarbal-d3; 4-O-Methylvanillin-d3; Methylvanillin-d3; NSC 24521-d3; NSC 8500-d3; Protocatechualdehyde Dimethyl Ether-d3; Protocatechuic Aldehyde Dimethyl Ether-d3; Vanillin Methyl Ether-d3; Veratral-d3; Veratric aldehyde-d3; Veratrum aldehyde-d3; Veratryl Aldehyde-d3

Structure:



Molecular Formula:

C₉H₇D₃O₃

Molecular weight:

169.19

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 12-JLI-108-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.99% (230 nm)
Isotopic Purity	>95%	99.8%

Additional Information:

Normalized Intensity: d0 = 0.12%, d1 = 0.05%, d2 = 0.00%, d3 = 99.83%

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/15/2022	11/13/2029
				