CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

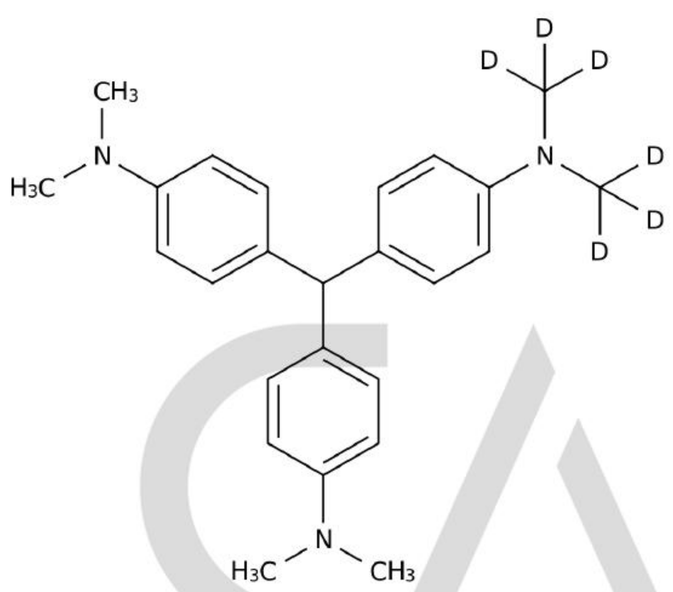
No.: 202503180065

Certificate of Analysis

Reference Material & Standard

Product Name:	Leuco Gentian Violet-d6	**Catalogue Number:**	CCAD301073
Synonyms:	N/A	**Lot Number:**	0324-RG-0035
CAS Number:	1173023-92-1	**Expiry Date:**	Mar 24, 2028
Molecular Formula:	C25H25D6N3	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	379.57	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		99.6%
Uncertainty		±2.0%

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Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Mar 24, 2025

Reviewed by: Jinlan Date: Mar 25, 2025

Approved by General Manager: David Date: Mar 25, 2025

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