

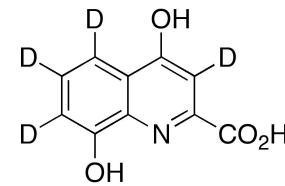
CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number
X743502

Lot Number
1-CJM-38-6

Structure



Product Name
Xanthurenic Acid-d4

Synonyms

4,8-Dihydroxy-2-quinoliniccarboxylic Acid-d4; 4,8-Dihydroxyquinaldic Acid-d4; 8-Hydroxkynurenic Acid-d4; NSC 401570-d4; Xanthuric Acid-d4;

CAS Number

1329611-28-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula
 $C_{10}H_3D_4NO_4$

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight
209.19

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Light Yellow to Dark Green Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.03% (245 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.4%

Additional Information

Normalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.00\%$, $d_2 = 0.11\%$, $d_3 = 6.28\%$, $d_4 = 93.61\%$

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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>
			3/7/2024	3/5/2028

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