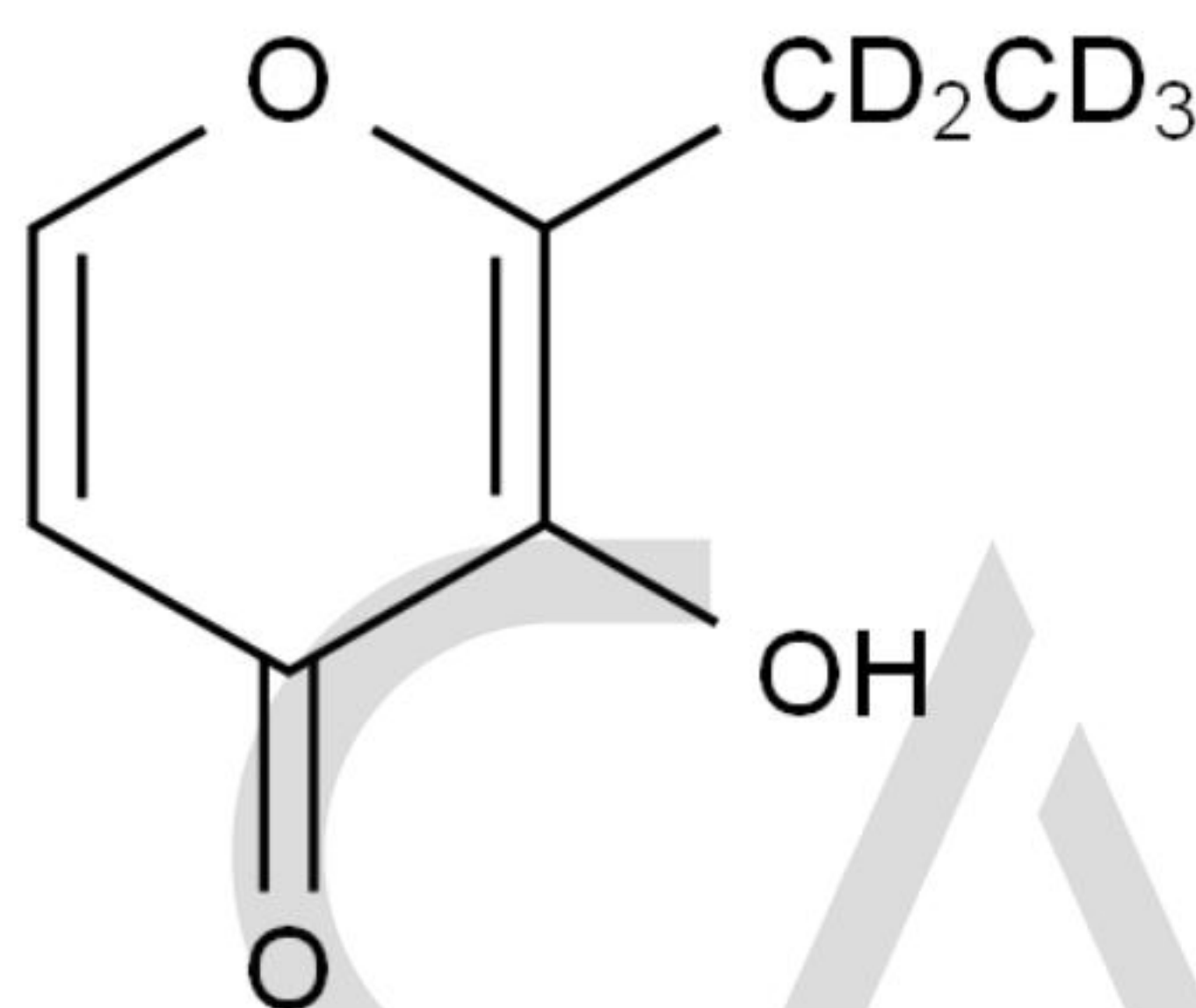


Certificate of Analysis

Reference Material & Standard

Product Name:	Ethyl Maltol-d5	Catalogue Number:	CCFD201836
Synonyms:	N/A	Lot Number:	0825-RH-0090
CAS Number:	N/A	Expiry Date:	Jul 27, 2030
Molecular Formula:	C ₇ H ₃ D ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	145.17	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		99.61%(D5: 98.16%; D4: 1.75%;D3: 0.09%)
Assay	qNMR	98.1%
Uncertainty		±0.1%

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

Reviewed by:

Jim

Approved by General Manager:

David

Date: Aug 26, 2026

Date: Aug 26, 2026

Date: Aug 26, 2026



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