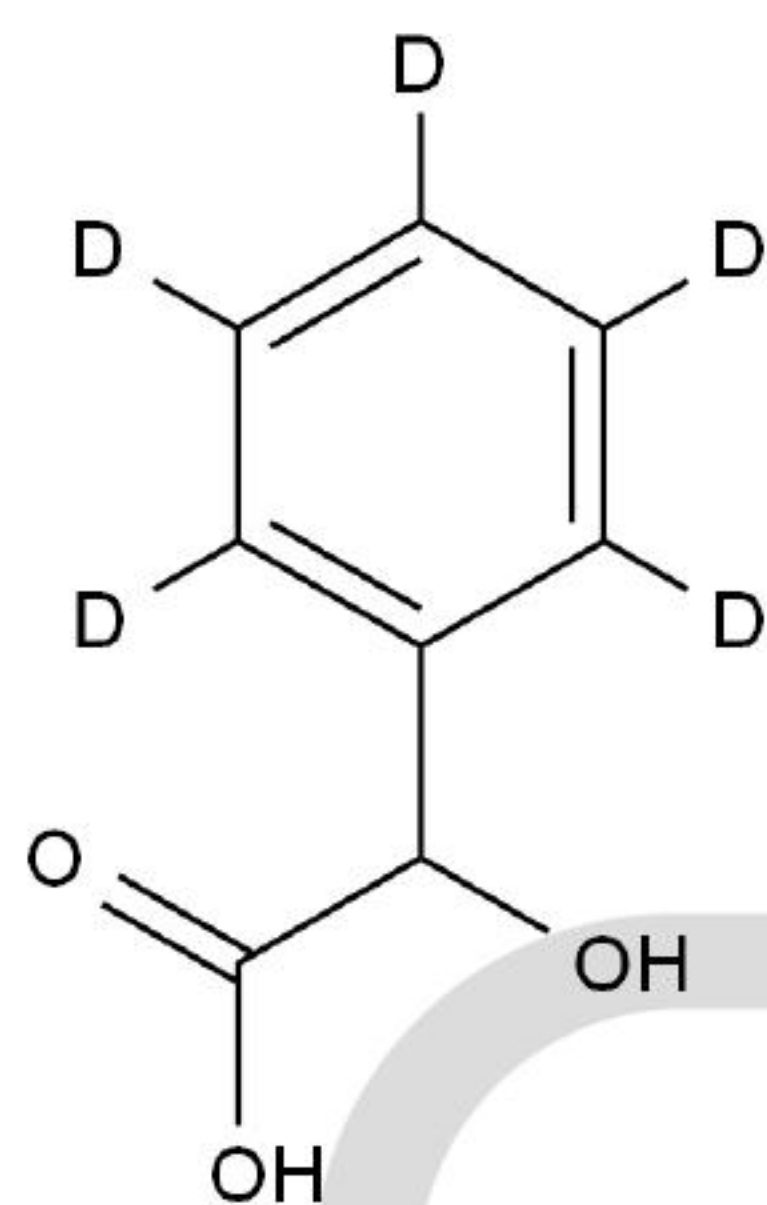


Certificate of Analysis

Reference Material

Product Name:	(±)-Mandelic-2,3,4,5,6-d5 Acid	Catalogue Number:	CCAD302125
Chemical Name:	N/A	Lot Number:	1216-RD-0062
CAS Number:	70838-71-0	Expiry Date:	Mar 29, 2025
Molecular Formula:	C8H3D5O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	157.18		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	98.0%
Isotopic Purity		99.6%
Uncertainty		±2.0%

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:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Mar 30, 2021

Date: Dec 30, 2022

Date: Dec 30, 2022

