



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-491454
Lot Number: SAMPLE
Product Name: (±)-Mandelic-2,3,4,5,6-d5 Acid
CAS Number: 70838-71-0
Molecular Formula: $C_8H_3D_5O_3$
Molecular Weight: 157.18

Test	Specification	Result
Appearance		White to off-white solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		99.6%
Purity (TLC)		98%
Atmosphere		Air
Melting Point		117 - 120 °C
Solubility		DMSO (slightly), methanol (very slightly)
Carbon Content	61.13%	61.09%
Hydrogen Content	5.13%	4.98%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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