



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-218605  
Lot Number: SAMPLE  
Product Name: iso-Colchicine-d3  
CAS Number: 1246818-69-8  
Molecular Formula:  $C_{22}H_{22}D_3NO_6$   
Molecular Weight: 402.46  
Native Source: Synthetic

Test	Specification	Result
Appearance		Dark green to brown solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.6%
Purity (TLC)		97%
Atmosphere		Air
Solubility		Chloroform (slightly), DMSO (slightly), Methanol (slightly)
Specific Rotation		-240.5° (c = 0.2, Chloroform)
Alcohol		Isopropyl Alcohol : 1.4%
Carbon Content	65.66%	64.84%
Hydrogen Content	7.01%	6.28%
Nitrogen Content	3.48%	3.41%

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