



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-495570  
Lot Number: SAMPLE  
Product Name: Ivermectin-d2  
CAS Number: 70288-86-7 unlabeled  
Molecular Formula:  $C_{48}H_{72}D_2O_{14}$   
Molecular Weight: 877.11

Test	Specification	Result
Appearance	Off-white to pale beige solid	Off-white to pale beige solid
Identification (NMR)		Conforms to structure
Identification (NMR)		Conforms to structure
Isotopic Purity	> 95%	97.1%
Purity (TLC)		98%
Solubility		DMSO (Slightly), Methanol (Slightly)
Specific Rotation		-16.5° (c = 0.5, Methanol)

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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