



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-484567  
Lot Number: SAMPLE  
Product Name: Monomethyl Phthalate-d4 O-β-D-Glucuronide  
CAS Number:  
Molecular Formula:  $C_{15}H_{12}D_4O_{10}$   
Molecular Weight: 360.31  
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		98.5%
Purity		96.46% (by UPLC)
Atmosphere		Inert gas
Melting Point		> 122 °C (dec.)
Solubility		Methanol (slightly)
Specific Rotation		-20.3° (c = 0.2, Methanol)
Carbon Content	50.00%	49.41%
Hydrogen Content	4.48%	4.61%

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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