



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-219779
Lot Number: SAMPLE
Product Name: rac 3,4-Dihydroxyphenylethylene Glycol-d3
CAS Number: 28822-73-3
Molecular Formula: $C_8H_7D_3O_4$
Molecular Weight: 173.18

Test	Specification	Result
Appearance		White solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)		Electrospray MS(ES+): m/z 196.1 M+Na ⁺ , data consistent to that of the title compound
Isotopic Purity	m/z = 193.1 (Unlabeled +Na) m/z = 194.0 (+1+Na) m/z = 195.1 (+2+Na) m/z = 196.1 (+3+Na) m/z = 197.1 (+4+Na) m/z = 198.1 (+5+Na)	Abundance = 0.2 Abundance = 6.0 Abundance = 8.4 Abundance = 100.0 Abundance = 11.9 Abundance = 1.9
Purity (HPLC)		99.9%
Molecular Weight		Exact Mass: 173.08
Potency		999 μ g of 3,4-Dihydroxyphenylene glycol labeled d ₃ per mg

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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