



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-200610
Lot Number: SAMPLE
Product Name: Piceatannol
CAS Number: 10083-24-6
Molecular Formula: $C_{14}H_{12}O_4$
Molecular Weight: 244.3
Native Source: Synthetic

Test	Specification	Result
Appearance	Off-white to light pink crystalline solid	Off-white crystalline solid
Identification (1H -NMR)	Consistent with standard reference	Complies
Identification (^{13}C -NMR)	Consistent with standard reference	Complies
Identification (Mass Spectrometry)	Consistent with standard reference	Complies
Purity (HPLC)	$\geq 95\%$	$> 99\%$
Melting Point	230 - 237 °C	235 - 237 °C
Solubility	Soluble in DMSO, dimethyl formamide, 100% ethanol, methanol, acetone or ethyl acetate; slightly soluble in water (1 mg/ml)	Complies
Carbon Content	68.85%	68.82%
Hydrogen Content	4.95%	4.87%

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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