



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-481504
Lot Number: SAMPLE
Product Name: Higenamine Hydrobromide Salt
CAS Number: 63604-85-3
Molecular Formula: $C_{16}H_{17}NO_3 \cdot HBr$
Molecular Weight: 352.22

Test	Specification	Result
Appearance		White Solid
Identification (1H-NMR)		Conforms to structure
Identification (Mass Spectrometry)		Conforms to structure
Purity (TLC)		98%
Elemental Analysis	%C: 61.97 %H: 6.87	%C: 58.03 %H: 7.01
Melting Point	> 160 °C	> 170 °C
Solubility		DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)
Specific Rotation		+137.9° (c = 1.0, Ethanol)
Sodium		4.46% (by Ion Chromatography)
Water Content (KF)		6.4%

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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