



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212871
Lot Number: SAMPLE
Product Name: (S)-4-Hydroxy Propranolol Hydrobromide
CAS Number: 76792-96-6 free base
Molecular Formula: $C_{16}H_{22}BrNO_3$
Molecular Weight: 356.25
Native Source: Synthetic

Test	Specification	Result
Appearance		Light brown to grey solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		95%
Atmosphere		Air
Melting Point		> 150 °C (dec.)
Solubility		Ethyl Acetate (slightly), Methanol (slightly)
Specific Rotation		-18.5° (c = 0.2, Methanol)
Bromide		20.12% (by Ion Chromatography)
Carbon Content	53.94%	52.62%
Hydrogen Content	6.22%	6.05%
Nitrogen Content	3.93%	3.73%

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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