



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-473810
Lot Number: SAMPLE
Product Name: Trimazosin Hydrochloride
CAS Number: 35795-16-5 (free base)
Molecular Formula: $C_{20}H_{30}ClN_5O_6$
Molecular Weight: 471.94
Native Source: Synthetic

Test	Specification	Result
Appearance		Pale beige solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		96%
Atmosphere		Air
Melting Point		> 157 °C (dec.)
Solubility		DMSO (slightly), water (slightly)
Carbon Content	50.90%	48.99%
Chloride		7.35% (by Ion Chromatography)
Hydrogen Content	6.41%	6.30%
Nitrogen Content	14.84%	14.50%

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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