



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-471852
Lot Number: SAMPLE
Product Name: Sanguinarium chloride-13CD3
CAS Number: 5578-73-4 (unlabeled)
Molecular Formula: $C_{20}H_{10}D_4NO_4 \cdot Cl$
Molecular Weight: 371.81
Native Source: Synthetic

Test	Specification	Result
Appearance		Orange to dark orange solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Atmosphere		Inert gas
Melting Point		>142°C (dec.)
Solubility		DMSO (very slightly), Methanol (slightly, heated)
Carbon Content	64.68%	62.22%
Hydrogen Content	3.80%	4.77%
Nitrogen Content	3.77%	3.28%

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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