



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-477110
Lot Number: SAMPLE
Product Name: Pregnanolone Sulfate Pyridinium Salt
CAS Number: 124107-39-7
Molecular Formula: $C_{21}H_{33}O_5S \cdot C_5H_6N$
Molecular Weight: 477.66
Native Source: Synthetic

Test	Specification	Result
Appearance	White to light yellow solid	White to off-white solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Melting Point		> 170 °C (dec.)
Specific Rotation		+87.4° (c = 0.2, Ethanol)
Carbon Content	65.38%	63.95%
Dichloromethane		3.1%
Hydrogen Content	8.23%	7.98%
Nitrogen Content	2.93%	2.88%

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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