



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-396198
Lot Number: SAMPLE
Product Name: Betamethasone 9,11-Epoxy 21-Propionate
CAS Number: 205105-83-5
Molecular Formula: $C_{25}H_{32}O_6$
Molecular Weight: 428.52
Native Source: Synthetic

Test	Result
Appearance	Pale Yellow Solid
Identification (1H-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Purity (TLC)	98%
Melting Point	218 - 219 °C
Solubility	Chloroform (Slightly), Methanol (Slightly, Sonicated)
Specific Rotation	+87.6° (c = 0.2, Methanol)

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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