



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200871A
Lot Number: SAMPLE
Product Name: Camptothecin
CAS Number: 7689-03-4
Molecular Formula: $C_{20}H_{16}N_2O_4$
Molecular Weight: 348.4

Test	Specification	Result
Appearance	Yellow to yellow-brown powder	Yellow-brown powder
Identification (FTIR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98\%$	99.80%
Melting Point		264-267 °C
Optical Rotation	+37° - +42° (c=0.4, CHCl ₃ :MeOH=8:2)	+41.3° (c=0.404, CHCl ₃ :MeOH=8:2)

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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