



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-476040
Lot Number: SAMPLE
Product Name: Pramlintide Acetate
CAS Number: 196078-30-5
Molecular Formula: $C_{171}H_{267}N_{51}O_{53}S_2 \cdot xC_2H_4O_2$
Molecular Weight: 3949.39

Test	Specification	Result
Appearance		White solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		96 %
Atmosphere		Air
Melting Point		> 175 °C(dec.)
Solubility		DMSO (slightly), Water: Acetic Acid = 9: 1 (slightly)
Specific Rotation		-74.1 ° (c = 0.1, 10% Acetic Acid)
Carbon Content	52.00 %	47.37 %
Hydrogen Content	6.81 %	7.10 %
Nitrogen Content	18.09 %	14.92 %

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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