



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203927
Lot Number: SAMPLE
Product Name: DMPQ dihydrochloride
CAS Number: 137206-97-4
Molecular Formula: $C_{16}H_{14}N_2O_2 \cdot 2HCl$
Molecular Weight: 339.22

Test	Specification	Result
Appearance		Yellow crystalline solid
Identification (1H -NMR)		Consistent with structure
Purity (HPLC)		> 99%
TLC		Rf = 0.27 (Dichloromethane: Methanol [10:1])
Melting Point		174 - 176 °C
Carbon Content	55.9%	55.57%
Hydrogen Content	4.83%	4.7%
Nitrogen Content	8.15%	8.16%

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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