



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-501542
Lot Number: SAMPLE
Product Name: para-Clotrimazole Isomer
CAS Number: 23593-71-7
Molecular Formula: $C_{22}H_{17}ClN_2$
Molecular Weight: 344.84

Test	Specification	Result
Appearance	White to off-white solid	Complies
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity (TLC)	98 %	Complies
Elemental Analysis	%C: 76.63 %H: 4.97 %N: 8.12	%C: 76.22 %H: 4.86 %N: 7.93
Melting Point	138 - 140 °C	Complies
Solubility		Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

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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