



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-489850
Lot Number: SAMPLE
Product Name: 4,4'-Bis(4-amino-1-naphthylazo)-2,2'-stilbenesulfonic Acid
CAS Number: 5463-64-9
Molecular Formula: $C_{34}H_{26}N_6O_6S_2$
Molecular Weight: 678.74

Test	Specification	Result
Appearance		Black solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Atmosphere		Inert gas
Melting Point		> 300 °C
Solubility		DMSO (Very Slightly, Heated)
Carbon Content	60.17%	53.08%
Hydrogen Content	3.86%	4.88%
Nitrogen Content	12.38%	10.53%
Water Content		10.2% based on Elemental Analysis

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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