



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-394080
Lot Number: SAMPLE
Product Name: 4-Hydroxy Omeprazole Sulfide
CAS Number: 103876-98-8
Molecular Formula: $C_{16}H_{17}N_3O_2S$
Molecular Weight: 315.39

Test	Specification	Result
Appearance		White solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Inert atmosphere
Melting Point		142 - 144 °C
Solubility		DMSO, methanol, water
Carbon Content	60.93%	60.68%
Hydrogen Content	5.43%	5.47%
Nitrogen Content	13.32%	13.34%

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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