



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-209888
Lot Number: SAMPLE
Product Name: 4-[2-(5-Chloro-2-methoxybenzamido)ethyl]benzene Sulfonamide
CAS Number: 16673-34-0
Molecular Formula: $C_{16}H_{17}ClN_2O_4S$
Molecular Weight: 368.84

Test	Specification	Result
Appearance	White to off-white powder or crystal or chunk (s)	White powder with chunk(s)
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 94.0\%$	99.7%
Melting Point	209.0 - 215.0 °C	212.0 - 214.5 °C
Carbon Content	49.00 - 55.20%	51.70%
Hydrogen Content	4.40 - 4.90%	4.57%
Nitrogen Content	7.10 - 8.10%	7.53%

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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