



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-500255
Lot Number: SAMPLE
Product Name: N-De[2-(methylsulfonyl)ethyl] Lapatinib
CAS Number: 697299-82-4
Molecular Formula: $C_{26}H_{20}ClFN_4O_2$
Molecular Weight: 474.91
Native Source: Synthetic

Test	Specification	Result
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Identification (TLC)		Complies
Purity (HPLC)		99.07%
Melting Point		>142°C (dec.)
Carbon Content	65.75%	64.76%
Hydrogen Content	4.24%	4.53%
Nitrogen Content	11.80%	11.48%

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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