



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-479025A
Lot Number: SAMPLE
Product Name: 5'-O-(4,4'-Dimethoxytrityl)-N2-isobutyryl-guanosine
CAS Number:
Molecular Formula: $C_{35}H_{37}N_5O_8$
Molecular Weight: 655.72

Test	Result
Appearance	White to off-white powder
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Negative ion at 654.3 (M)
Purity (HPLC)	99.8%
Extinction Coefficient	20889 (at 250 nm)
UV/Visible Spectrum	A250/A260 nm = 1.060 A260/A280 nm = 1.259

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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