



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-224281
Lot Number: SAMPLE
Product Name: SB 221284
CAS Number: 196965-14-7
Molecular Formula: $C_{16}H_{14}F_3N_3OS$
Molecular Weight: 353.36

Test	Specification	Result
Appearance	White solid	Complies
Assay	≥95%	>98%
Identification (1H-NMR)		Complies
Identification (13C-NMR)		Complies
Identification (Mass Spectrometry)		Complies
TLC	Rf = 0.35 (Dichlormethane:Acetate [1:1])	Complies
Melting Point	263 - 265 °C	Complies
Solubility	DMSO to 100 mM	Complies
Carbon Content	Calculated: 54.39%	Found: 54.07%
Hydrogen Content	Calculated: 3.99%	Found: 3.96%
Nitrogen Content	Calculated: 11.89%	Found: 11.79%

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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