



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203790
Lot Number: SAMPLE
Product Name: A-769662
CAS Number: 844499-71-4
Molecular Formula: $C_{20}H_{12}N_2O_3S$
Molecular Weight: 360.39

Test	Specification	Result
Appearance		Off-white crystalline solid
Purity (HPLC)	Acetonitrile/Methanol/Water/Acetic acid 23/23/54/0.1	>99%
Purity (TLC)	Chloroform/Methanol 60/40	>99%
Melting Point		277 °C - 280 °C
Solubility		Soluble in ethanol at 5 mg/mL with slight warming; very poorly soluble in water; max water solubility approximately 50-100 µM. Soluble in DMSO at 33 mg/mL.
Carbon Content	64.24%	64.32%
Hydrogen Content	3.64%	3.50%
Nitrogen Content	7.49%	7.50%
Sulfur Content	8.58%	8/51%

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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