



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-301768
Lot Number: SAMPLE
Product Name: (S)-2-[[3,5-Bis(trifluoromethyl)phenyl]thioureido]-N-benzyl-N,3,3-trimethylbutanamide
CAS Number: 959979-30-7
Molecular Formula: $C_{23}H_{25}F_6N_3OS$
Molecular Weight: 505.52

Test	Specification	Result
Appearance (Color)	White to tan	White
Appearance (Form)	Crystal to powder	Crystalline
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 96.5\%$	99.8%
Optical Rotation	$-62.0 - -52.0^\circ$ (c = 1%; chloroform)	-59.6°
Carbon Content	52.7 - 56.6%	54.2%
Nitrogen Content	8.0 - 8.6%	8.3%
Sulfur Content	6.1 - 6.6%	6.4%

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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