



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-222381  
Lot Number: SAMPLE  
Product Name: Tyrphostin AG 112  
CAS Number: 144978-82-5  
Molecular Formula:  $C_{13}H_8N_4O$   
Molecular Weight: 236.2

Test	Specification	Result
Appearance	Yellow to orange solid	Dark orange solid
Purity (HPLC)	$\geq 98.0\%$	98.1%
Purity (TLC)	$\geq 98.0\%$	One spot
Melting Point	230 - 240 °C	235 °C
Solubility	Soluble in DMSO or acetone; moderately soluble in ethanol	Complies
Carbon Content	66.10%	66.03%
Hydrogen Content	3.41%	3.38%
Nitrogen Content	23.72%	23.54%

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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