



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203918
Lot Number: SAMPLE
Product Name: DFB
CAS Number: 15332-10-2
Molecular Formula: $C_{14}H_{10}F_2N_2$
Molecular Weight: 244.24

Test	Specification	Result
Appearance		Yellow solid
Identification (1H -NMR)		Consistent with the structure
Purity (HPLC)		>99%
TLC		Rf = 0.53
Melting Point		139-141°C
Solubility		Ethanol to 10 mM DMSO to 50 mM
Carbon Content	68.85%	68.78%
Hydrogen Content	4.13%	4.09%
Nitrogen Content	11.47%	11.41%

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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