



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-488719
Lot Number: SAMPLE
Product Name: γ -Glutamylphenylalanine TFA Salt
CAS Number:
Molecular Formula: $C_{14}H_{18}N_2O_5 \cdot C_2HF_3O_2$
Molecular Weight: 408.32

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (19F-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		95%
Atmosphere		Inert gas
Melting Point		> 53 °C (dec.)
Solubility		Aqueous Acid (slightly), DMSO (slightly), Methanol (slightly), Water (slightly)
Specific Rotation		+20.3° (c = 0.5, 0.1 N HCl)
Carbon Content	47.06%	47.25%
Hydrogen Content	4.69%	4.75%
Nitrogen Content	6.86%	6.84%

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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