

Certificate of Analysis

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Product Name: NFAT inhibitor, Cell Permeable

Catalog No.: 5710

Batch No.: 6

CAS Number: 592517-80-1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₄₇H₂₅₉N₆₇O₃₆S
Batch Molecular Weight: 3573.15
Physical Appearance: White lyophilised solid
Counter Ion: TFA
Solubility: Soluble to 1 mg/ml in water
Storage: Store at -20°C
Peptide Sequence: Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Arg-Gly-Gly-Gly-Met-Ala-Gly-Pro-His-Pro-Val-Ile-Val-Ile-Thr-Gly-Pro-His-Glu-Glu

2. ANALYTICAL DATA

HPLC: Shows 98.8% purity
Mass Spectrum: Consistent with structure

3. AMINO ACID ANALYSIS DATA

Amino Acid Theoretical Actual			Amino Acid Theoretical Actual		
Ala	1.00	0.97	Lys		
Arg	11.00	10.57	Met	1.00	0.86
Asx			Phe		
Cys			Pro	3.00	2.96
Glx	2.00	2.04	Ser		
Gly	5.00	4.92	Thr	1.00	1.06
His	2.00	2.05	Trp		
Ile	2.00	1.52	Tyr		
Leu			Val	2.00	1.45

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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