

Certificate of Analysis

Product Name: Orexin A (human, rat, mouse)

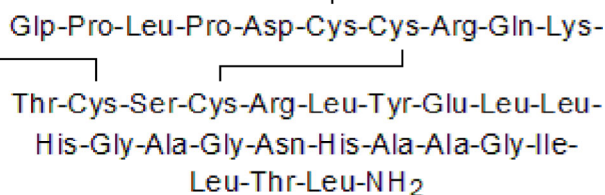
Catalog No.: 1455

Batch No.: 26

CAS Number: 205640-90-0

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₅₂H₂₄₃N₄₇O₄₄S₄
Batch Molecular Weight: 3561.12
Physical Appearance: White solid
Counter Ion: TFA
Solubility: Soluble to 1 mg/ml in water
Storage: Store at -20°C
Peptide Sequence:



2. ANALYTICAL DATA

HPLC: Shows 96.8% purity
Mass Spectrum: Consistent with structure

3. AMINO ACID ANALYSIS DATA

Amino Acid Theoretical Actual			Amino Acid Theoretical Actual		
Ala	3.00	3.03	Lys	1.00	1.01
Arg	2.00	1.95	Met		
Asx	2.00	2.03	Phe		
Cys	4.00	1.85	Pro	2.00	2.02
Glx	3.00	3.07	Ser	1.00	0.67
Gly	3.00	3.02	Thr	2.00	1.58
His	2.00	1.99	Trp		
Ile	1.00	1.00	Tyr	1.00	0.91
Leu	6.00	5.98	Val		

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

