

Certificate of Analysis

Melanotan II 10 mg

L-Lysinamide, N-acetyl-L-norleucyl-L-alpha-aspartyl-L-histidyl-D-phenylalanyl-L-arginyl-L-tryptophyl-, cyclic (2-7)-peptide

Compound : Melanotan II
Lot number : LV-3224
Analysis date : 2023-12-23
Purity % : 96.1%
Method : Mass Spectrometry and UV

Client : Biostrategix
<https://biostrategix.com/>

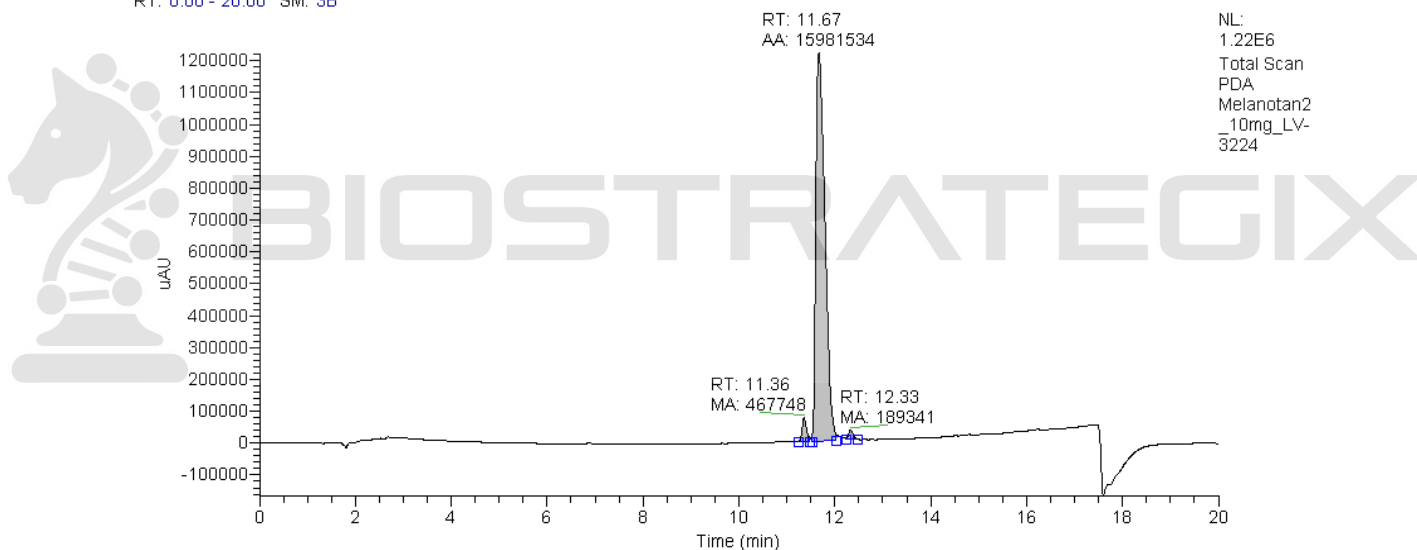
PubChem CID: 92432

<https://pubchem.ncbi.nlm.nih.gov/compound/92432>

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12/23/2023 2:54:18 AM

RT: 0.00 - 20.00 SM: 3B



PEAK LIST				Number of detected peaks: 3
Time (min)	Area	%Area		
11.36	4.68E+05	2.8		
11.67	1.60E+07	96.1	Melanotan II	
12.33	1.89E+05	1.1		

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 1023.54 g
Measured mass : 1023.60 g
Molecular weight confirmed

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers. These are not normally detected using UV and are not considered impurities.

Analysis Performed by
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2023-12-27