

Client: NextGen Bioactive
support@nextgenbio.io
nextgenbio.io

Sample received: **07/09/25**
Analysis conducted: **07/17/25**

Compound:	Melanotan II	CAS:	121062-08-6
Batch/Lot #:	MG2025661ML10	Formula:	C50H69N15O9
Appearance:	White lyophilized powder	Mol Wt:	1024.198 g/mol

Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

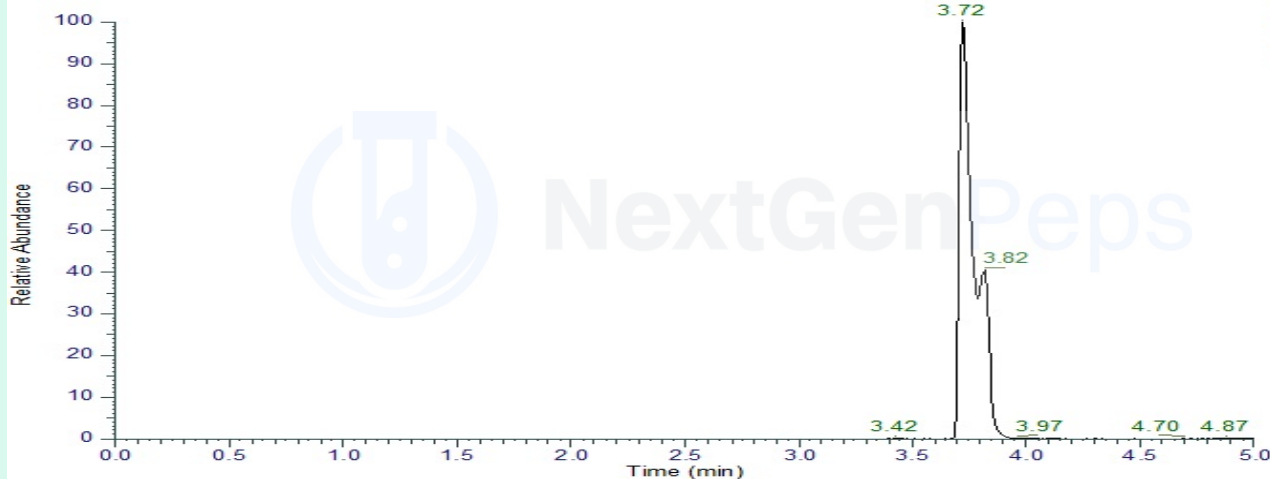
Pubchem CID: 92432

Melanotan II | C50H69N15O9 | CID 92432

	Specification	Result	
Identity Test:	Melanotan II	Melanotan II	Conforms
Quantity:	10 mg	-	N/A
Purity:	>98%	99.78%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

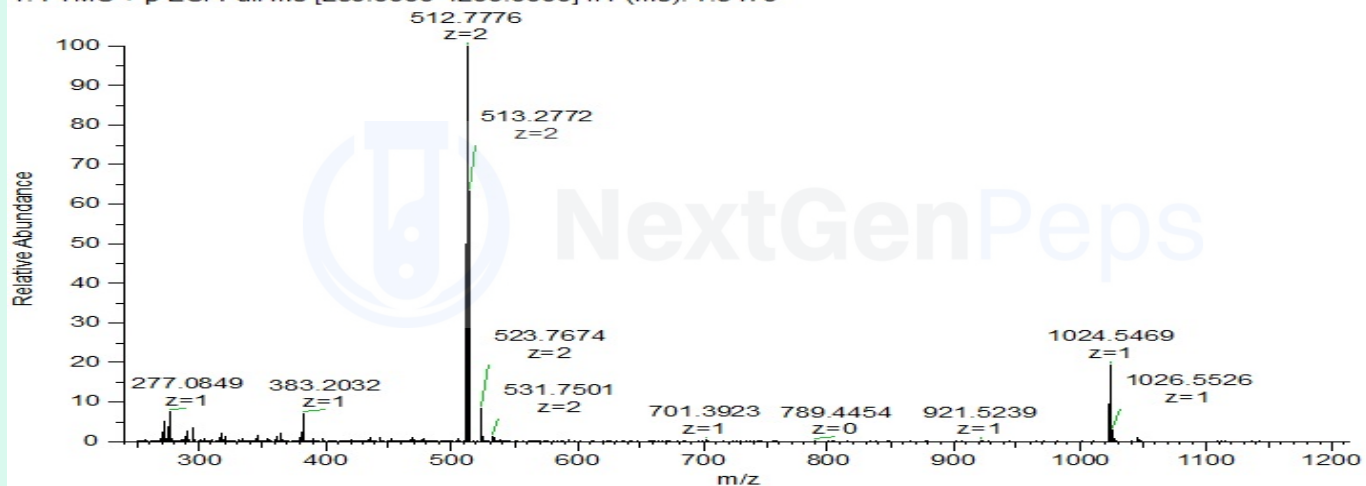
RT :0.00-5.00



NL: 8.51E7
m/z= 512.7750-
512.7802 MS
NextGenPeps-
Melanotan2-01

Full Scan Mass Spectrometry Analysis

NextgenPeps-Melanotan2-01 #429 RT: 3.74 AV: 1 NL: 6.76E7
T: FTMS + p ESI Full ms [250.0000-1200.0000] IIT (ms): 7.9470



Analysis Performed by

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Analytical Chemist
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Roberto Marin

COA #10678
Security Key **NEXTPEPS0**
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