



Melanotan I 10mg

Lyophilised research compound — for in-vitro research use only

PRODUCT	BATCH	CAS NUMBER	MOL. WEIGHT
Melanotan I 10mg	UKPL-326	75921-69-6	1646.9 g/mol
APPEARANCE	STORAGE	ANALYSIS DATE	REPORT DATE
White lyophilised powder	-20°C, protected from light	28/05/2025	28/05/2025

ANALYTICAL RESULTS			
TEST PARAMETER	RESULT	SPECIFICATION	STATUS
Identity	Confirmed — Melanotan I	Matches reference standard	PASS
Chromatographic Purity	99.553%	≥98.0%	PASS
Mass Spectrometry	[M+H] ⁺ at 1647.9 m/z	Matches MW 1646.9	PASS
Quantity Measured	9.23 mg	≥10 mg	FAIL
Appearance	White lyophilised powder	White lyophilised powder	PASS

COMPOUND REFERENCE	
Compound	Melanotan I
CAS	75921-69-6
Molecular Weight	1646.9 g/mol
Sequence	Ac-Ser-Tyr-Ser-Nle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH ₂ tridecapeptide ([Nle ⁴]-α-MSH, afamelanotide)
Form	Lyophilised powder

ANALYTICAL METHOD	
Method	RP-HPLC + ESI-MS
Date Signed	28/05/2025

Research Use Only

This product is supplied strictly for in-vitro research and laboratory use only. It is not intended for human or veterinary administration, and must not be ingested or applied to or within the body. Storage and handling are the responsibility of the end-user.