

Certificate of Analysis

Reference Material & Standard

Product Name:	Setmelanotide Impurity 1	Catalogue Number:	C4X-35561
Synonyms:	N/A	Lot Number:	1206-SA-7468
CAS Number:	N/A	Expiry Date:	Dec 05, 29
Molecular Formula:	$C_{49}H_{64}N_{18}O_9S_2$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1113.28		

Chemical Structure: $\text{Ac-Arg}^1\text{-Cys-D-Ala-His-D-Phe-Arg-Trp-Cys}^8\text{-NH}_2$ (线性肽)

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.581%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Dec 06, 25

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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Dec 06, 25	First release.

