



CERTIFICATE OF ANALYSIS

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1. Identification

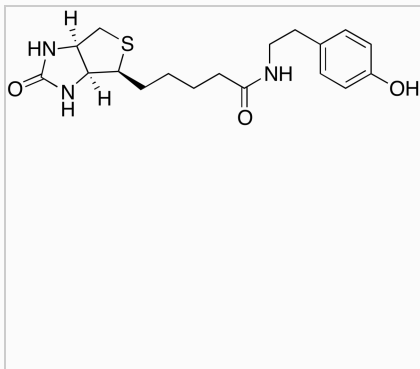
Catalogue Number: B397770

CAS Number: 41994-02-9

Product: Biotinyl Tyramide

Synonym: [3aS-(3a α ,4 β ,6a α)]-Hexahydro-N-[2-(4-hydroxyphenyl)ethyl]-2-oxo-, 1H-thieno[3,4-d]imidazole-5-pentanamide;

Structure:



Molecular Formula:

C₁₈H₂₅N₃O₃S

Molecular weight:

363.48

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Heated, Sonicated)

Lot Number: 4-NBP-23-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	99.64% (225 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	White to Light Pink Solid	Off-White to Pale Red Solid
Specific Rotation	Report Result	+60.4° (c = 0.2, Methanol)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/18/2021	11/16/2025