

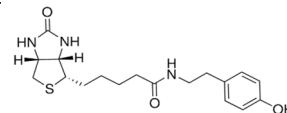
Certificate of Analysis



Product Identification

Chemical Structure

Catalog number	HB18327
Compound name	Biotin Tyramide
Chemical name	5-[(3aS,4S,6aR)-2-oxo-1,3,3a,4,6,6a-hexahydrothieno[3,4-d]imidazol-4-yl]-N-[2-(4-hydroxyphenyl)ethyl]pentanamide
Basic molecular formula	C ₁₈ H ₂₅ N ₃ O ₃ S
Basic molecular weight	363.47
Batch number	E2946-1-1
Batch molecular formula	C ₁₈ H ₂₅ N ₃ O ₃ S
Batch molecular weight	363.47
Origin	Synthetic



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >97% purity	Meets specification: 100%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

20/03/2025

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.