CERTIFICATE of ANALYSIS

Retatrutide-d7 (trifluoroacetate salt)

L-tyrosyl-2-methylalanyl-L-glutaminylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-alpha-aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methyl-L-leucyl-(L-leucyl-4,5,5,5,5′,5′,5′-d7)-L-alpha-aspartyl-L-lysyl-N6-[N-(19-carboxy-1-oxononadecyl)-L-gamma-glutamyl-2-[2-(2-aminoethoxy)ethoxy]acetyl]-L-lysyl-L-alanyl-L-glutaminyl-2-methylalanyl-L-alanyl-L-phenylalanyl-L-isoleucyl-L-alpha-glutamyl-L-tyrosyl-L-leucyl-L-leucyl-L-alpha-glutamylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-L-serinamide, ditrifluoroacetate salt

*Item No. 46531 * Batch No. 0826024*

Purity Specification: ≥95%

Molecular formula: C221H335D7N46O68 • 2CF3COOH

CAS number: **Formula weight:** **4966.50** **Expiration date:** **07OCT2030**

Overview

Tests	Results
Mass Spec	[M+3H]3+: 1580.4
HPLC	Purity: 98.9 %
NMR	Conforms
Optical rotation	$[\alpha]^{D}$ = -11.0°

Reviewed and approved by: Justine Albertson

WARNING
THIS PRODUCT IS FOR RESEARCH USE - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO DETERMINE SUITABILITY FOR OTHER APPLICATIONS.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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