

# Tesamorelin 5mg

Lyophilised research compound | For in-vitro research use only

|                          |                            |               |              |
|--------------------------|----------------------------|---------------|--------------|
| PRODUCT                  | BATCH                      | CAS NUMBER    | MOL. WEIGHT  |
| Tesamorelin 5mg          | UKPL-314                   | 218949-48-5   | 5135.8 g/mol |
| APPEARANCE               | STORAGE                    | ANALYSIS DATE | REPORT DATE  |
| White lyophilised powder | -20C, protected from light | 24/11/2025    | 24/11/2025   |

## ANALYTICAL RESULTS

| TEST PARAMETER          | RESULT                           | SPECIFICATION              | STATUS |
|-------------------------|----------------------------------|----------------------------|--------|
| Identity                | Confirmed: Tesamorelin           | Matches reference standard | PASS   |
| Chromatographic Purity  | 98.21%                           | >=98.0%                    | PASS   |
| Mass Spectrometry       | [M+H] <sup>+</sup> at 5136.8 m/z | Matches MW 5135.8          | PASS   |
| Potency (total peptide) | 104.1% of label claim            | >=90.0% of label claim     | PASS   |
| Appearance              | White lyophilised powder         | White lyophilised powder   | PASS   |

## TECHNICAL REFERENCE

|                  |                                                                  |                   |                  |
|------------------|------------------------------------------------------------------|-------------------|------------------|
| Compound         | Tesamorelin                                                      | Analytical Method | RP-HPLC + ESI-MS |
| CAS              | 218949-48-5                                                      | Date Signed       | 03/12/2025       |
| Molecular Weight | 5135.8 g/mol                                                     | Purity            | 98.21%           |
| Sequence         | 44 amino acid GHRH analogue,<br>trans-3-hexenoyl-Tyr1-hGRF(1-44) | Identity          | Confirmed        |
| Form             | Lyophilised powder                                               |                   |                  |

## 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, applied to, or used within the body. Storage and handling are the responsibility of the end-user.