

# Certificate of Analysis

## PRODUCT NAME: SLU-PP-332

Product Type: Synthetic small-molecule PPAR- $\delta$  agonist

Molecular Formula:  $C_{24}H_{26}N_2O_3$

Molecular weight (g/mol): 290.32

Cas Number: 303760-60-3

Batch No: 20260116-S322

Manufacture Date: 16/01/2026

Expiry Date: 16/01/2028

### COMPOSITION SUMMARY

#### Active Ingredient:

4-Hydroxy-N'-[(Z)-naphthalen-2-ylmethylideneamino]benzamide

#### Excipient Classes:

Standard peptide-compatible isotonic excipients

## PRODUCT DESCRIPTION

SLU-PP-332 is a pan-ERR agonist, meaning it activates all three estrogen-related receptor isoforms (ERR $\alpha$ , ERR $\beta$ , ERR $\gamma$ ), with strongest potency toward ERR $\alpha$ . ERRs regulate mitochondrial biogenesis, oxidative metabolism, and energy homeostasis. This places SLU-PP-332 in the category of synthetic metabolic-modulator small molecules.

## TEST SAMPLE PHOTO



## ANALYTICAL SPECIFICATIONS

Items	Standards	Results
Appearance	White to off white Powder	<input checked="" type="checkbox"/> Pass
Identity by ESI-MS >	Theoretical MW: 290.32	<input checked="" type="checkbox"/> Pass
Purity (HPLC)	>_98.0%	99.06%
Water (KF)	<_7.0%	0.36%
Conclusion	Conforms to standards	<input checked="" type="checkbox"/> Pass

## CERTIFICATION

Quality Assurance Officer:

Signature: 

Date: 21/01/2026



## SAFETY & REGULATORY NOTES

Research Use Only: Peptides are supplied strictly for laboratory research and are not approved for human or veterinary administration.

### STORAGE & HANDLING

Store at 2–25°C, away from direct sunlight.

Do not freeze.

Use immediately after opening.

Keep in original packaging until use.