

Product Name: SLU-PP-332

Cat. No.: BIAOS-2505-CXX-39

Package: 10 mg/50 mg

Description

SLU-PP-332 is a pan-agonist of estrogen receptor-related receptors with highest potency for ERR α (EC50: ERR α = 98 nM, ERR β = 230 nM, ERR γ = 430 nM). It enhances mitochondrial function and cellular respiration in skeletal muscle cells.

Product Details

Formal Name: (E)-4-Hydroxy-N'-(naphthalen-2-ylmethylene)benzohydrazide

Synonyms: 4-Hydroxybenzoic acid 2-(2-naphthalenylmethylene)hydrazide; SR9861

Purity: >98%

CAS Number: 303760-60-3

Formula: C₁₈H₁₄N₂O₂

Molecular Weight: 290.3

Appearance: Powder

Solubility: Dissolves in DMSO (up to at least 75 mg/mL)

Stability: \geq 2 years

Application Procedures: First, dissolve in DMSO (75 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20°C for up to 2 months.

Storage Information: -20°C

Application

pan-ERR agonist/Exercise mimetic

 For preclinical research and development use only; not intended for therapeutic or other applications.