



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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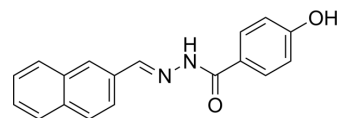
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SLU-PP-332

Cat. No.:	HY-155673
CAS No.:	303760-60-3
Molecular Formula:	C ₁₈ H ₁₄ N ₂ O ₂
Molecular Weight:	290.32
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (430.56 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.4445 mL	17.2224 mL	34.4447 mL
	5 mM		0.6889 mL	3.4445 mL	6.8889 mL
	10 mM		0.3444 mL	1.7222 mL	3.4445 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SLU-PP-332 is a pan-Estrogen Receptor/ERR agonist with EC₅₀ values of 98, 230 and 430 nM for ERRα, ERRβ and ERRγ, respectively. SLUPP-332 enhances mitochondrial function and cellular respiration in skeletal muscle cell lines. SLU-PP-332 has the potential to study metabolic diseases as well as improve muscle function^[1].

IC₅₀ & Target

ERRα 98 nM (EC50)	ERRβ 230 nM (EC50)	ERRγ 430 nM (EC50)
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REFERENCES

[1]. Billon C, et al. Synthetic ERRα/β/γ Agonist Induces an ERRα-Dependent Acute Aerobic Exercise Response and Enhances Exercise Capacity. ACS Chem Biol. 2023 Apr 21;18(4):756-771.

Caution: Product has not been fully validated for medical applications. For research use only.

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