



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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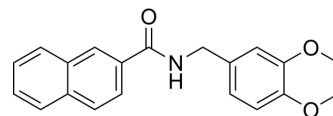
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NDH-1 inhibitor-1

Cat. No.:	HY-148441
CAS No.:	173964-49-3
Molecular Formula:	C ₂₀ H ₁₉ NO ₃
Molecular Weight:	321.37
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (388.96 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.1117 mL	15.5584 mL	31.1168 mL
	5 mM		0.6223 mL	3.1117 mL	6.2234 mL
	10 mM		0.3112 mL	1.5558 mL	3.1117 mL

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

BIOLOGICAL ACTIVITY

Description

NDH-1 inhibitor-1 (compound 27) is a potent NDH-1 inhibitor with pI₅₀ values of <4, 5.40, 6.15 μM for Bovine SMP (submitochondrial particles), Potato SMP and E. coli, respectively^[1].

IC₅₀ & Target

NDH-1^[1]

REFERENCES

[1]. Satoh T, et al. Comparison of the inhibitory action of synthetic capsaicin analogues with various NADH-ubiquinone oxidoreductases. Biochim Biophys Acta. 1996 Jan 11;1273(1):21-30.

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

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