



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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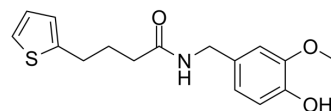
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MSP-3

Cat. No.:	HY-118785		
CAS No.:	1820968-63-5		
Molecular Formula:	C ₁₆ H ₁₉ NO ₃ S		
Molecular Weight:	305.39		
Target:	TRP Channel		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (327.45 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2745 mL	16.3725 mL	32.7450 mL
	5 mM		0.6549 mL	3.2745 mL	6.5490 mL
	10 mM		0.3275 mL	1.6373 mL	3.2745 mL

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

BIOLOGICAL ACTIVITY

Description	MSP-3 is a potent TRPV1 agonist, with an EC ₅₀ of 0.87 μM. MSP-3 exhibits neuroprotective and antinociceptive effects ^[1] .
IC ₅₀ & Target	TRPV1 0.87 μM (EC50)

REFERENCES

[1]. Aiello F, et, al. Design and Synthesis of New Transient Receptor Potential Vanilloid Type-1 (TRPV1) Channel Modulators: Identification, Molecular Modeling Analysis, and Pharmacological Characterization of the N-(4-Hydroxy-3-methoxybenzyl)-4-(thiophen-2-yl

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

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