



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

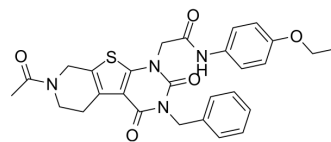
www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



MCU-i11

Cat. No.:	HY-W194810
CAS No.:	902903-59-7
Molecular Formula:	C ₂₈ H ₂₈ N ₄ O ₅ S
Molecular Weight:	532.61
Target:	Mitochondrial Metabolism
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 87.5 mg/mL (164.29 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.8775 mL	9.3877 mL	18.7755 mL
	5 mM		0.3755 mL	1.8775 mL	3.7551 mL
	10 mM		0.1878 mL	0.9388 mL	1.8775 mL

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

BIOLOGICAL ACTIVITY

Description

MCU-i11 is a negative regulator of the mitochondrial calcium uniporter (MCU) complex. MCU-i11 can reduce mitochondrial Ca²⁺ uptake. MCU-i11 impairs muscle cell growth^[1].

IC₅₀ & Target

Mito_x0002_chondrial calcium uniporter (MCU)^[1]

REFERENCES

[1]. Di Marco G, et al. A High-Throughput Screening Identifies MICU1 Targeting Compounds. Cell Rep. 2020 Feb 18;30(7):2321-2331.e6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA