



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

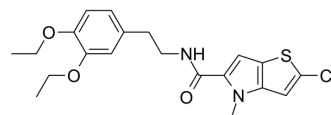
mail@szabo-scandic.com

www.szabo-scandic.com

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

ML261

Cat. No.:	HY-111179		
CAS No.:	902523-58-4		
Molecular Formula:	C ₂₀ H ₂₃ ClN ₂ O ₃ S		
Molecular Weight:	406.93		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (61.44 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.4574 mL	12.2871 mL	24.5743 mL
5 mM		0.4915 mL	2.4574 mL	4.9149 mL
10 mM		0.2457 mL	1.2287 mL	2.4574 mL

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

BIOLOGICAL ACTIVITY

Description

ML261 is a hepatic lipid droplets formation inhibitor with an IC₅₀ value of 69.7 nM. ML261 can be used for the research of non-alcoholic fatty liver disease (NAFLD) and inflammation^[1].

IC₅₀ & Target

IC₅₀: 69.7 nM (hepatic lipid droplets formation)^[1]

In Vitro

ML261 (1 nM-10 μM; 24 h) affects hepatic lipid droplets formation in murine AML-12 cells^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.
Cell Viability Assay^[1]

Cell Line:	AML-12 cells
Concentration:	1 nM-10 μM
Incubation Time:	24 hours

Result:

Inhibited hepatic lipid droplets formation with an IC₅₀ value of 69.7 nM.

REFERENCES

[1]. Zou J, et al. Potent inhibitors of lipid droplet formation. 2014.

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