



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

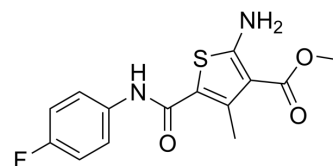
mail@szabo-scandic.com

www.szabo-scandic.com

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

Cisd2 agonist 1

Cat. No.:	HY-155538
CAS No.:	2916371-54-3
Molecular Formula:	C ₁₄ H ₁₃ FN ₂ O ₃ S
Molecular Weight:	308.33
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 : 100 mg/mL (324.33 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.2433 mL	16.2164 mL	32.4328 mL
		5 mM		0.6487 mL	3.2433 mL	6.4866 mL
		10 mM		0.3243 mL	1.6216 mL	3.2433 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (8.11 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (8.11 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Cisd2 agonist 1 (Compound 4q) is a Cisd2 agonist (EC ₅₀ : 34 nM). Cisd2 agonist 1 enhances the Cisd2 expression and improves the pathological changes in the fatty livers. Cisd2 agonist 1 has good metabolic stability. Cisd2 agonist 1 can be used for research of NAFLD ^[1] .
-------------	--

REFERENCES

[1]. Yao CH, et al. Discovery of tetrasubstituted thiophenes as Cisd2 activators: A potential novel therapeutic option in nonalcoholic fatty liver disease. Eur J Med Chem. 2023 Oct 5;258:115583.

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