



# 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

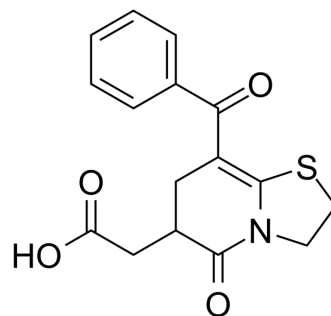
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## JMJD1C-IN-1

<b>Cat. No.:</b>	HY-162275		
<b>CAS No.:</b>	861224-48-8		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>15</sub> NO <sub>4</sub> S		
<b>Molecular Weight:</b>	317.36		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 10 mg/mL (31.51 mM); ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1510 mL	15.7550 mL	31.5100 mL
	5 mM	0.6302 mL	3.1510 mL	6.3020 mL
	10 mM	0.3151 mL	1.5755 mL	3.1510 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 1 mg/mL (3.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 1 mg/mL (3.15 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 1 mg/mL (3.15 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

JMJD1C-IN-1 (compound 193D7) is an inhibitor of JMJD1C with oral activity. JMJD1C-IN-1 targets tumor Treg cells without affecting systemic immune homeostasis<sup>[1]</sup>.

### REFERENCES

[1]. Xuehui Long, et al. Targeting JMJD1C to selectively disrupt tumor Treg cell fitness enhances antitumor immunity. Nat Immunol. 2024.

---

**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](mailto:tech@MedChemExpress.com)

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