



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

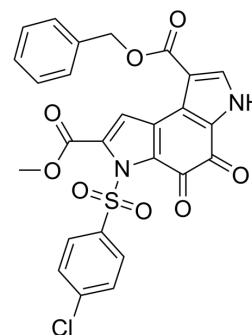
mail@szabo-scandic.com

www.szabo-scandic.com

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

F5446

Cat. No.:	HY-150190		
CAS No.:	2304465-89-0		
Molecular Formula:	C ₂₆ H ₁₇ ClN ₂ O ₈ S		
Molecular Weight:	552.94		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
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 (180.85 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8085 mL	9.0426 mL	18.0851 mL
5 mM	0.3617 mL	1.8085 mL	3.6170 mL
10 mM	0.1809 mL	0.9043 mL	1.8085 mL

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

In Vivo

- Add each solvent one by one: 15% Cremophor EL >> 85% Saline
Solubility: 2 mg/mL (3.62 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% Cremophor EL in PBS
Solubility: 1.82 mg/mL (3.29 mM); Suspended solution; Need ultrasonic and warming and heat to 60°C

BIOLOGICAL ACTIVITY

Description

F5446 (compound 1) is an inhibitor of SUV39H1 methyltransferase. F5446 induces human colon carcinoma cell death in a dose-dependent manner^[1].

REFERENCES

- [1]. Chunwan Lu, et al. Small molecule histone methyltransferase SUV39H1 inhibitor and uses thereof. US10577371B2. 2018.

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