



SZABO SCANDIC

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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

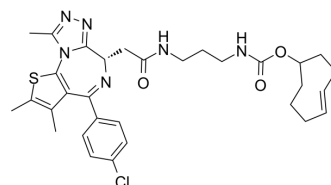
mail@szabo-scandic.com

www.szabo-scandic.com

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

JQ1-TCO

Cat. No.:	HY-148864		
Molecular Formula:	C ₃₁ H ₃₇ ClN ₆ O ₃ S		
Molecular Weight:	609.18		
Target:	Epigenetic Reader Domain		
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 (164.16 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.6416 mL	8.2078 mL	16.4155 mL	
5 mM	0.3283 mL	1.6416 mL	3.2831 mL	
10 mM	0.1642 mL	0.8208 mL	1.6416 mL	

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

BIOLOGICAL ACTIVITY

Description

JQ1-TCO is the double bond E configuration of JQ1-TCO (HY-148864A). JQ1-TCO (JQ1-trans-cyclooctene) is a derivative of JQ1 (HY-13030), an inhibitor of BET. JQ1-TCO is suitable for click chemistry and can be used as molecular probes in vitro and in vivo^{[1][2]}.

IC₅₀ & Target

BRD4

In Vitro

JQ1-TCO (10 μM; 18 h) doesn't induces significant degradation of BRD4 in HeLa cells^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hu Z, et al. Recent Developments in PROTAC-Mediated Protein Degradation: From Bench to Clinic. *Chembiochem*. 2022 Jan 19;23(2):e202100270.

[2]. Tyler DS, et al. Click chemistry enables preclinical evaluation of targeted epigenetic therapies. *Science*. 2017 Jun 30;356(6345):1397-1401.

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