



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### 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

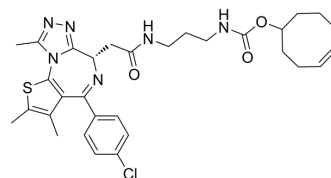
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## (Z)-JQ1-TCO

<b>Cat. No.:</b>	HY-148864A		
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>37</sub> ClN <sub>6</sub> O <sub>3</sub> S		
<b>Molecular Weight:</b>	609.18		
<b>Target:</b>	Epigenetic Reader Domain		
<b>Pathway:</b>	Epigenetics		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	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 <sup>[1][2]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	BRD4
<b>In Vitro</b>	JQ1-TCO (10 μM; 18 h) doesn't induces significant degradation of BRD4 in HeLa cells <sup>[1]</sup> . 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