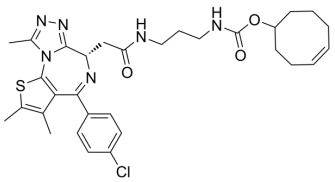
(Z)-JQ1-TCO

Cat. No.:	HY-148864A		
Molecular Formula:	$C_{31}H_{37}ClN_6O_3S$		
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



BIOLOGICAL ACTIVITY

Description	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].
IC_{50} & 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.

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