

## SNIPER(BRD)-1

Cat. No.:	HY-111875
CAS No.:	2095244-54-3
Molecular Formula:	C <sub>53</sub> H <sub>66</sub> ClN <sub>9</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	1056.73
Target:	SNIPER; Epigenetic Reader Domain
Pathway:	PROTAC; Epigenetics
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

SNIPER(BRD)-1, consists of an IAP antagonist LCL-161 derivative and a BET inhibitor, (+)-JQ-1, connected by a linker. SNIPER(BRD)-1 induces the degradation of **BRD4** via the ubiquitin-proteasome pathway. SNIPER(BRD)-1 also degrades cIAP1, cIAP2 and XIAP with IC<sub>50</sub>s of 6.8 nM, 17 nM, and 49nM, respectively<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Target	IC <sub>50</sub> / Ki
BRD4	6.8 nM (IC <sub>50</sub> )
cIAP1	17 nM (IC <sub>50</sub> )
cIAP2	49 nM (Ki)
XIAP	
SNIPER	

### REFERENCES

[1]. Ohoka N, et al. Different Degradation Mechanisms of Inhibitor of Apoptosis Proteins (IAPs) by the Specific and Nongenetic IAP-Dependent Protein Eraser (SNIPER). Chem Pharm Bull (Tokyo). 2019 Mar 1;67(3):203-209.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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