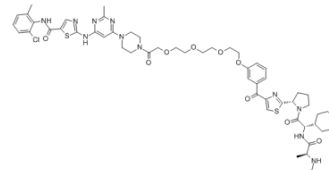


## SNIPER(ABL)-039

Cat. No.:	HY-111874
CAS No.:	2222354-29-0
Molecular Formula:	C <sub>54</sub> H <sub>68</sub> ClN <sub>11</sub> O <sub>9</sub> S <sub>2</sub>
Molecular Weight:	1114.77
Target:	SNIPER; Bcr-Abl
Pathway:	PROTAC; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SNIPER(ABL)-039, conjugating Dasatinib (ABL inhibitor) to LCL161 derivative (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC <sub>50</sub> of 10 nM. IC <sub>50</sub> s are 0.54 nM, 10 nM, 12 nM, and 50 nM for ABL, cIAP1, cIAP2, XIAP, respectively <sup>[1]</sup> .			
<b>IC<sub>50</sub> &amp; Target</b>	Abl	cIAP1	cIAP2	XIAP
	0.54 nM (IC <sub>50</sub> )	10 nM (IC <sub>50</sub> )	12 nM (IC <sub>50</sub> )	50 nM (IC <sub>50</sub> )
	SNIPER	Abl		
		10 nM (DC <sub>50</sub> )		

### REFERENCES

[1]. Shibata N, et al. Development of protein degradation inducers of oncogenic BCR-ABL protein by conjugation of ABL kinase inhibitors and IAP ligands. *Cancer Sci.* 2017 Aug;108(8):1657-1666.

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

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