**Proteins** 



## ML 2-23

Cat. No.: HY-153582

Molecular Formula:  $C_{47}H_{53}BrCl_{2}N_{10}O_{7}S$ 

Molecular Weight: 1052.86

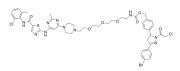
Target: PROTACs; Bcr-Abl

Pathway: PROTAC; Protein Tyrosine Kinase/RTK

Result:

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.



**Product** Data Sheet

## **BIOLOGICAL ACTIVITY**

ML 2-23 is a potent PROTAC BCR-ABL degrader. ML 2-23 is selectively degrade BCR-ABL in a proteasome-dependent manner in leukemia cells <sup>[1]</sup> .	
ML 2-23 (1 $\mu$ M; 12 h; K562 cells) degrades BCR-ABL in a proteasome-dependent manner <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Western Blot Analysis <sup>[1]</sup>	
Cell Line:	K562 cells
Concentration: Incubation Time:	1 μΜ
	12 h
	in leukemia cells <sup>[1]</sup> .  ML 2-23 (1 µM; 12 h; K562 cel MCE has not independently Western Blot Analysis <sup>[1]</sup> Cell Line:  Concentration:

## **REFERENCES**

[1]. Luo M, et, al. Chemoproteomics-enabled discovery of covalent RNF114-based degraders that mimic natural product function. Cell Chem Biol. 2021 Apr 15;28(4):559-566.e15.

Degraded BCR-ABL in K562 cells.

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

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