MCE ®
MedChemExpress

Product Data Sheet

ML 2-23

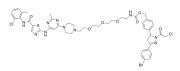|	
Cat. No.:	HY-153582
Molecular Formula:	$C_{47}H_{53}BrCl_2N_{10}O_7S$
Molecular Weight:	1052.86
Target:	PROTACs; Bcr-Abl
Pathway:	PROTAC; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	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[1].
In Vitro	ML 2-23 (1 μM; 12 h; K562 cells) degrades BCR-ABL in a proteasome-dependent manner[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Western Blot Analysis[1]

Cell Line:	K562 cells
Concentration:	1 μM
Incubation Time:	12 h
Result:	Degraded BCR-ABL in K562 cells.

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.