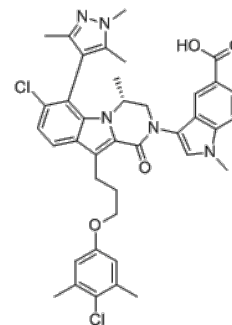


Product Name : VU661013
Cat. No. : PC-35655
CAS No. : 2131184-57-9
Molecular Formula : C₃₉H₃₉Cl₂N₅O₄
Molecular Weight : 712.672
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

VU661013 (VU-661013) is a novel potent, selective **MCL-1** inhibitor with K_i of 97 pM (human MCL-1) in TR-FRET assay, shows no significant inhibition on BCL-xL ($K_i > 40$ uM) or BCL-2 ($K_i = 0.73$ uM).

VU661013 de-stabilizes BIM/MCL-1 association, leads to apoptosis in AML.

VU661013 is active in venetoclax-resistant cells and patient derived xenografts.

References

Ramsey HE, et al. *Cancer Discov.* 2018 Sep 5. pii: CD-18-0140.

Zhao B, et al. *Biochemistry.* 2018 Aug 14;57(32):4952-4958.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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