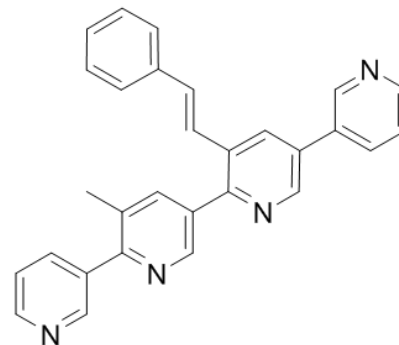


Product Name : Pyridoclax
Cat. No. : PC-43096
CAS No. : 1651890-44-6
Molecular Formula : C₂₉H₂₂N₄
Molecular Weight : 426.5118
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

Pyridoclax (MR29072) is a highly potent **Mcl-1** inhibitor with K_d of 25 nM, disrupts **Mcl-1/Bim** interaction. Pyridoclax (MR29072) strongly sensitizes ovarian cancer chemoresistant IGROV1-R10 cells to Bcl-xL targeting siRNA and ABT-737, leading to massive apoptosis, can not induce cell death as single agents. Pyridoclax (MR29072) induces ER stress and modifies Bcl-2 family expression, but its cytotoxic effect does not require these events.

References

Gloaguen C, et al. *J Med Chem.* 2015 Feb 26;58(4):1644-68.

Groo AC, et al. *Eur J Pharm Sci.* 2017 Jan 15;97:218-226.

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

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