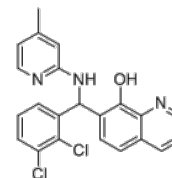


Product Name : MMRI64
Cat. No. : PC-62554
CAS No. : 430458-66-5
Molecular Formula : C₂₂H₁₇Cl₂N₃O
Molecular Weight : 410.298
Target : MDM2-p53
Solubility : 10 mM in DMSO



Biological Activity

MMRI64 is a small molecule inhibitor that disrupts **Mdm2-MdmX** RING-RING interaction interactions in vitro and activates p53 in cancer cells.

MMRI64 potently induces downregulation of Mdm2 and MdmX in leukemia cells, only induces the expression of pro-apoptotic gene PUMA (p53 upregulated modulator of apoptosis) with minimal induction of growth-arresting gene p21. MMRI64 selectively induces the apoptotic arm of the p53 pathway in leukemia/lymphoma cells; synergistically induces p53 and apoptosis in combination with Nutlin3a.

References

Wu W, et al. *Cell Death Dis.* 2015 Dec 31;6:e2035.

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

E-mail: tech@probechem.com