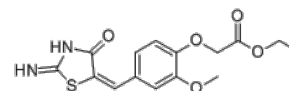


Product Name : CCI-007
Cat. No. : PC-36025
CAS No. : 939228-52-1
Molecular Formula : C₁₅H₁₆N₂O₅S
Molecular Weight : 336.362
Target : Apoptosis Inducer
Solubility : 10 mM in DMSO



Biological Activity

CCI-007 (CCI 007) is a selective inhibitor of MLL-r, CALM-AF10 and SET-NUP214 leukemia with IC₅₀ of 3.5 uM against MLL-r leukemia cell line PER-485.

CCI-007 induced a rapid caspase-dependent **apoptosis** with mitochondrial depolarization within 24h treatment.

CCI-007 altered the characteristic MLL-r gene expression signature in sensitive cells with downregulation of the expression of HOXA9, MEIS1, CMYC and BCL2, important drivers in MLL-r leukemia.

References

Somers K, et al. *Oncotarget*. 2016 Jul 19;7(29):46067-46087.

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

E-mail: tech@probechem.com