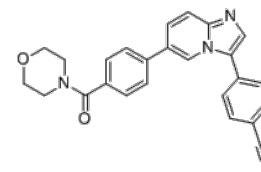


Product Name : ETC-206
Cat. No. : PC-63366
CAS No. : 1464151-33-4
Molecular Formula : C₂₅H₂₀N₄O₂
Molecular Weight : 408.461
Target : MNK
Solubility : 10 mM in DMSO



Biological Activity

ETC-206 (Tinodasertib, ETC-1907206) is a potent, selective **MNK1/2** inhibitor with IC₅₀ of 64/86 nM, inhibits eIF4E phosphorylation inhibition in HeLa cell line with IC₅₀ of 321 nM.

ETC-206 (Tinodasertib) displays excellent kinase selectivity, inhibits only 2 kinases by >65% at 1 uM against a panel of 104 kinases.

ETC-206 (Tinodasertib) demonstrates potent anti-proliferative activity against 25 hematological cancer cell lines with submicromolar IC₅₀, especially against GK-5, DOHH2, AHH1 and P3HR-1 cell lines.

ETC-206 (Tinodasertib) prevents BC CML LSC self-renewal in vitro, significantly enhances the anti-tumor activity of dasatinib in BC CML mouse xenograft model.

References

Yang HY, et al. *J Med Chem*. 2018 Apr 23. doi: 10.1021/acs.jmedchem.7b01714.

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

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