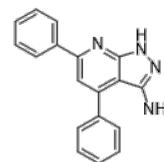


Product Name : MNK inhibitor EB1
Cat. No. : PC-24273
CAS No. : 42951-68-8
Molecular Formula : C₁₈H₁₄N₄
Molecular Weight : 286.34
Target : MNK
Solubility : 10 mM in DMSO



CAS: 42951-68-8

Biological Activity

MNK inhibitor EB1 is potent inhibitor of inhibitor of MNK with IC₅₀ of 0.69 μ M (MNK1) and 9.4 μ M (MNK2), most likely binds to the allosteric binding side adjacent to the ATP binding pocket. EB1 selectively inhibits the growth of cancer cells, but not normal cells. EB1 also increases cell apoptosis and suppresses eIF4E phosphorylation.

References

Elisabeth Bou-Petit, et al. J Med Chem. 2022 Apr 28;65(8):6070-6087.

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

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