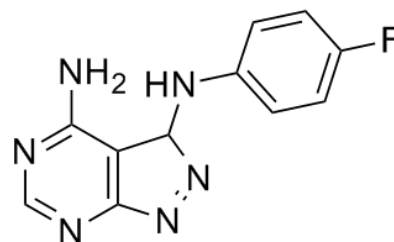


Product Name : CGP57380
Cat. No. : PC-42633
CAS No. : 522629-08-9
Molecular Formula : C₁₁H₉FN₆
Molecular Weight : 244.2278
Target : MNK
Solubility : DMSO: ≥ 43 mg/mL



Biological Activity

CGP57380 is a cell-permeable, specific **MNK1** inhibitor with IC₅₀ of 2.2 uM.
CGP57380 has no inhibitory activity on p38, JNK1, ERK1/2, etc.
CGP57380 inhibits phosphorylation of eIF4E in cellular assays with IC₅₀ of 3 uM.

References

- Knauf U, et al. *Mol Cell Biol.* 2001 Aug;21(16):5500-11.
Wen Q, et al. *Oncotarget.* 2016 May 10;7(19):27787-801.
Lim S, et al. *Proc Natl Acad Sci U S A.* 2013 Jun 18;110(25):E2298-307.

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

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