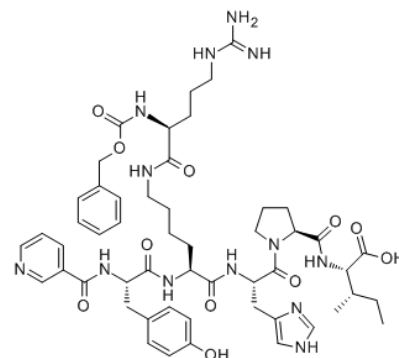


Product Name : CGP-42112
Cat. No. : PC-43020
CAS No. : 127060-75-7
Molecular Formula : C₅₂H₆₉N₁₃O₁₁
Molecular Weight : 1052.185
Target : Angiotensin Receptor
Solubility : DMSO: ≥ 350 mg/mL



Biological Activity

CGP-42112 (CGP42112A) is a highly potent, selective Angiotensin-II subtype 2 receptor (**AT₂** receptor) agonist with K_i of 0.24 nM.

CGP-42112 significantly inhibits cGMP production from the basal value, also significantly inhibits TH-enzyme activity from the basal value in cultured porcine adrenal medullary cells.

CGP-42112 antagonizes Ang-II induced contractions in rabbit aortic rings with IC₅₀ of 1.85 μM.

References

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Takekoshi K, et al. *Biochem Biophys Res Commun*. 2000 Jun 7;272(2):544-50.

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

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