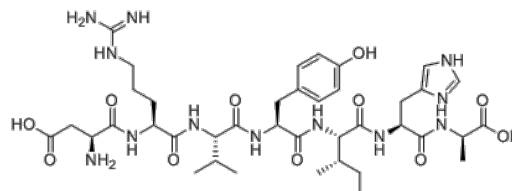


Product Name : A779
Cat. No. : PC-21224
CAS No. : 159432-28-7
Molecular Formula : C₃₉H₆₀N₁₂O₁₁
Molecular Weight : 872.97
Target : Angiotensin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A779 is a potent, selective antagonist of angiotensin-(1-7) receptor Mas, blocks the antidiuretic effect of Ang-(1-7) in vivo. A779 inhibited antidiuretic effect of Ang-(1-7) in water-loaded rats and the changes in blood pressure produced by Ang-(1-7) microinjection into the dorsal-medial and ventrolateral medulla.

A-779 did not change the dipsogenic, pressor, or myotropic effects of angiotensin II (Ang II).

A-779 did not affect the antidiuretic effect of vasopressin or the contractile effects of angiotensin III, bradykinin, or substance P on the rat ileum.

References

Santos RA, et al. Brain Res Bull. 1994;35(4):293-8.

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

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