

Product Data Sheet

Product Name: Angiotensin II (3-8), human

Cat. No.: GC35352

Chemical Properties

Cas. No. 12676-15-2

Formula $C_{40}H_{54}N_8O_8$

M.Wt 774.91

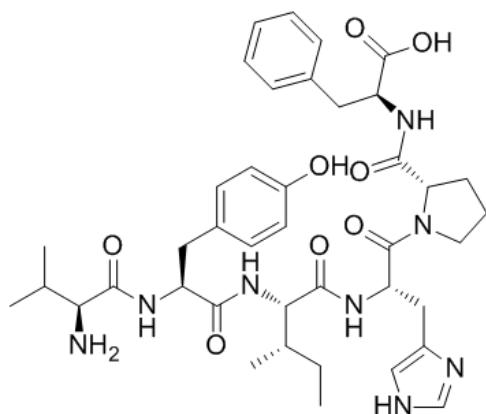
Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Angiotensin II (3-8), human is a less effective agonist at the angiotensin AT1 receptor. Angiotensin AT1 receptor[1]

Human Angiotensin II (3-8) causes endothelium-dependent renal cortical vasodilatation, in anaesthetized rats. At doses up to 125 pmol/kg, human Angiotensin II (3-8) is without any cardiovascular effects, but with doses of 1.25 and 12.5 nmol/kg there are dose-dependent increases in mean arterial blood pressure and reductions in renal and mesenteric flows and vascular conductances[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Gardiner SM, et al. Regional haemodynamic effects of angiotensin II (3-8) in conscious rats. Br J Pharmacol. 1993 Sep;110(1):159-62.

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