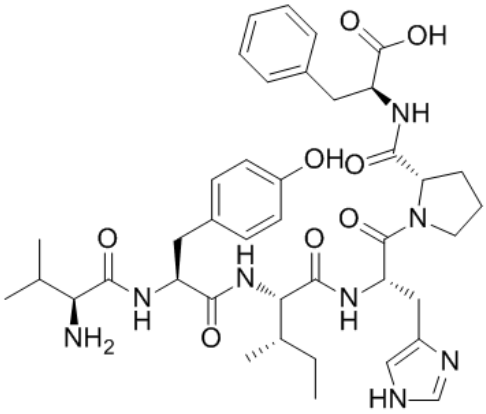
Product Data Sheet

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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