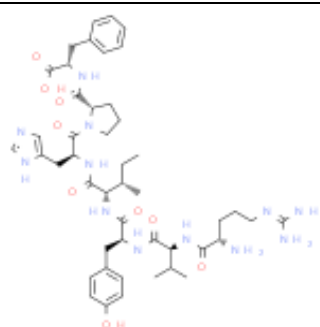


## Product Data Sheet

Cas No.:	13602-53-4	Cat. No:	PL05871
Product Name:	Angiotensin III, human, mouse		
Product synonym:	血管紧张素III;血管紧张素III		
Chemical name:	Angiotensin III, human, mouse		
MF:	C46H66N12O9	FW:	931.091240000001
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CC[C@@H]([C@H](NC([C@@H](NC([C@H](NC([C@H](N)CCCNC(N)=N)=O)C(C)C)=O)CC1=CC=C(O)C=C1=O)C(N[C@H](C(N2C[C@H]2C(N[C@H](C(O)=O)CC3=CC=CC(=O)=O)CC4=CN=CN4)=O)C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Angiotensin III, human, mouse 是一种七肽，为血管紧张素 2 型受体 (AT2R) 激动剂，对 AT2R 和 AT1R 的 IC50 值分别为 0.648 nM 和 21.1 nM。

生物活性	Angiotensin III, human, mouse is a heptapeptide, acts as an endogenous angiotensin type 2 receptor (AT 2 R) agonist, with IC 50 s of 0.648 nM and 21.1 nM for AT 2 R and AT 1 R, respectively.
IC50 & Target[1][2]	IC50: 0.648 nM (AT2R), 21.1 nM (AT1R)
体外研究(In Vitro)	Angiotensin III, human, mouse is a heptapeptide, acts as an endogenous angiotensin type 2 receptor (AT2R) agonist, with IC50s of 0.648 nM and 21.1 nM for AT2R and AT1R, respectively. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	Angiotensin III (7, 14 and 28 nmol/kg/min) increases urine sodium excretion (U Na V), fractional excretion of sodium (FE Na ), and fractional excretion of lithium (FE Li ) in SD rat. In RAS (renin-angiotensin system), Angiotensin III increases sympathetic nerve activity and vasopressin release and decreases the baroreflex leading to higher blood pressure in rats. has not independently confirmed the accuracy of these methods. They are for reference only.

包装储存	Sealed storage, away from moisturePowder -80°C 2 years; -20°C 1 year
溶解度数据	In Vitro: H <sub>2</sub> O : 100 mg/mL (107.40 mM; Need ultrasonic)配制储备液