

Atrial Natriuretic Peptide (ANP) (1-28), rat TFA

Cat. No.:	HY-P1236A
Molecular Formula:	C ₁₃₀ H ₂₀₆ N ₄₅ F ₃ O ₄₁ S ₂
Molecular Weight:	3176.43
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description	Atrial Natriuretic Peptide (ANP) (1-28), rat (TFA) is a major circulating form of ANP in rats, potently inhibits Angiotensin II (Ang II)-stimulated endothelin-1 secretion in a concentration-dependent manner.
IC ₅₀ & Target	Endothelin-1 ^[1]
In Vitro	Rat ANP (1-28) and rat BNP-45, which are the respective major circulating forms of ANP and BNP in rats, potently inhibited Ang II-stimulated endothelin-1 secretion in a concentration-dependent manner. Rat ANP (5-25) is less effective than Rat ANP(1-28) with respect to inhibiting immunoreactive (ir)-endothelin-1 secretion and increasing cellular cyclic GMP. Rat ANP (1-28) inhibits the secretion of ir-endothelin-1 in a concentration-dependent manner between 0.01 and 1 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA