

BNP (1-32), rat TFA (133448-20-1 free base)

## Chemical Properties

CAS No. :

Formula: C146H239N47O44S3.C2HF3O2

Molecular Weight: 3566.96

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. Helps restore the body's salt and water balance. Improves heart function.
-------------	--

## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2804 mL	1.4018 mL	2.8035 mL
5 mM	0.0561 mL	0.2804 mL	0.5607 mL
10 mM	0.028 mL	0.1402 mL	0.2804 mL
50 mM	0.0056 mL	0.028 mL	0.0561 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Dickey DM, et al. Human B-type natriuretic peptide is not degraded by meprin A. Biochem Pharmacol. 2010 Oct 1; 80(7):1007-11.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481