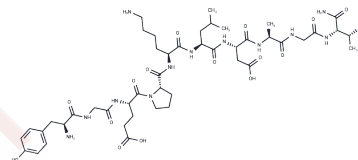


## Pneumadin, rat

## Chemical Properties

CAS No. :	130918-90-0
Formula:	C47H74N12O15
Molecular Weight:	1047.178
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Pneumadin, rat (PNM) exerts a marked antidiuretic effect in animals has a functional AVP system. Pneumadin, rat (PNM) is a decapeptide, which possesses a potent stimulating effect on arginine-vasopressin (AVP) release.
Targets(IC50)	Others, Vasopressin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9549 mL	4.7747 mL	9.5495 mL
5 mM	0.191 mL	0.9549 mL	1.9099 mL
10 mM	0.0955 mL	0.4775 mL	0.9549 mL
50 mM	0.0191 mL	0.0955 mL	0.191 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

Watson JD, et al. The antidiuretic effect of pneumadin requires a functional arginine vasopressin system. Regul Pept. 1995 May 30;57(2):105-14.

Miskowiak B, et al. Pneumadin in the ventral prostate of rats during postnatal development: a radioimmunological and immunocytochemical study. Int J Mol Med. 2004 Jun;13(6):801-3.

**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