

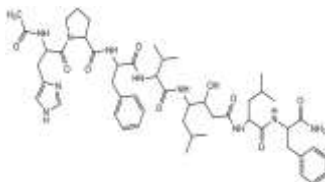
# Product: Rat renin inhibitor Peptide

**ALTERNATE NAME:** Ac-His-Pro-Phe-Val-Statine-Leu-Phe-NH<sub>2</sub>; Ac-HPFV-(Sta)-LFNH<sub>2</sub>; WFML peptide

**CATALOG #:** 2557-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>50</sub>H<sub>72</sub>N<sub>10</sub>O<sub>9</sub>

**MOLECULAR WEIGHT:** 957.19 (free base)

**SALT:** TFA

**APPEARANCE:** Lyophilized solid

**SOLUBILITY:** H<sub>2</sub>O (~ 2 mg/ml)

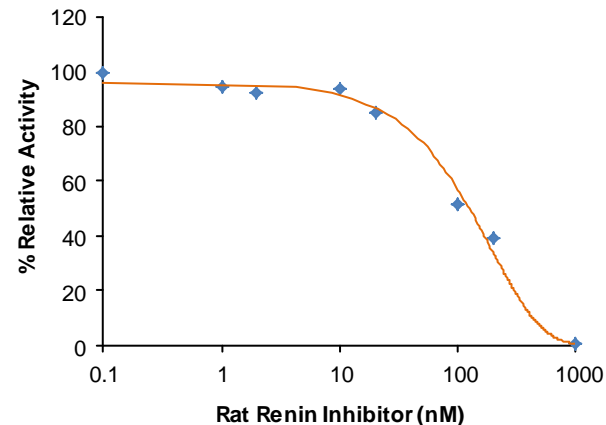
**PURITY:** >97% by HPLC

**STORAGE:** Store at -20° C. Protect from air and moisture

**DESCRIPTION:** A specific inhibitor for rat renin (IC<sub>50</sub> = 30 nM).

**REFERENCES:** Iyer, S.N., *et al.* (1998). *J. Cardiovasc. Pharmacol.* **31**, 464-469; Hui, K.W., *et al.* (1988). *J. Med. Chem.* **31**, 1679-1686.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.



**Figure:** Inhibition of Rat Renin Activity with Rat Renin Inhibitor peptide using our Rat Renin Inhibitor Screening Kit (Fluorometric) K798-100 kit protocol.

**RELATED PRODUCTS:**

- Renin, Human CellExp™, Human Recombinant (Cat. No. 6300-10, -50, -100)
- Renin Activity Fluorometric Assay Kit (Cat. No. K800-100)
- Renin Inhibitor Screening Kit (Fluorometric) (Cat. No. K799-100)
- ACE2 (human) ELISA Kit (Cat. No. K4918-100)
- Angiotensin II (Cat. No. 4917-5)
- JM6 (Cat. No. 1913-5, -25)
- Pepstatin A (Cat. No. 1732-25, -100)
- Renin Inhibitor (Cat. No. 2084-5, -25)
- Ro 61-8048 (Cat. No. 1912-5, -25)
- Valsartan (Cat. No. 2004-25, 100, 500)

**FOR RESEARCH USE ONLY! Not to be used in humans.**