



LKT Laboratories, Inc.

RF-NH2

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## Product Information

**Product ID** R2353

**CAS No.** 34388-59-5

**Chemical Name**

**Synonym** RF amide peptide

**Formula** C<sub>15</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>

**Formula Wt.** 320.4

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in water.

H-Arg-Phe-NH<sub>2</sub>

Product ID	Size
R2353	5 mg
R2353	10 mg
R2353	25 mg

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** RF-NH2 is a member of the RF-amide peptide family that signals through GPCRs and acid-sensing ion channels. RF-NH2 may display pro-nociceptive and opioid-modulating characteristics.

**References** Bass C, Katanski C, Maynard B, et al. Conserved residues in RF-NH2 receptor models identify predicted contact sites in ligand-receptor binding. *Peptides*. 2013 Jun 26. pii: S0196-9781(13)00226-X. [Epub ahead of print]. PMID: 23811075.

Yang HY, Iadarola MJ. Modulatory roles of the NPF system in pain mechanisms at the spinal level. *Peptides*. 2006 May;27(5):943-52. PMID: 16443306.

Schiebe M, Orchard I, Watts R, et al. Characterization and partial purification of different factors with contraction-potentiating activities from neurohaemal organs of the locust. *J Comp Neurol*. 1990 Jan 8;291(2):305-12. PMID: 2298936.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.