



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  $C_{15}H_{24}N_6O_2$

Formula Wt. 320.4

Melting Point

Purity  $\geq 95\%$

Solubility Soluble in water.

Store Temp  $-20^{\circ}\text{C}$

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.

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

## Pricing and Availability

*Bulk quantities available upon request*

| Product ID | Size  | List Price |
|------------|-------|------------|
| R2353      | 5 mg  | \$63.00    |
| R2353      | 10 mg | \$107.00   |
| R2353      | 25 mg | \$189.00   |

**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 NPFF 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.