



LKT Laboratories, Inc.

Opioid Receptor Antagonist Ac-RFMWMK-

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Product Information

Product ID O6132

CAS No.

Chemical Name

Synonym

Formula $C_{44}H_{66}N_{12}O_7S_2$

Formula Wt. 939.2

Melting Point

Purity $\geq 98\%$

Solubility Soluble in water (2 mg/mL).

Ac-Arg-Phe-Met-Trp-Met-Lys-NH₂

Bulk quantities available upon request

Product ID	Size
O6132	1 mg

Store Temp -20°C

Ship Temp Ambient

Description This acetalin peptide inhibits all opioid receptors with the greatest affinity for μ -opioid receptors (μ ORs) and the weakest affinity for δ -opioid receptors (δ ORs); it increases contractility in the guinea pig ileum assay.

References Dooley CT, Chung NN, Schiller PW, et al. Acetalins: opioid receptor antagonists determined through the use of synthetic peptide combinatorial libraries. Proc Natl Acad Sci U S A. 1993 Nov 15;90(22):10811-5. PMID: 8248174.

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