



LKT Laboratories, Inc.

Malantide

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Product Information

Product ID M0144

CAS No. 86555-35-3

Chemical Name

Synonym

Formula C₇₂H₁₂₄N₂₂O₂₁

Formula Wt. 1633.93

Melting Point

Purity ≥95%

Solubility Soluble in water (1 mg/mL).

H-Arg-Thr-Lys-Arg-Ser-Gly-Ser-Val-Tyr-Glu-Pro-Leu-Lys-Ile-OH

Product ID	Size
M0144	1 mg
M0144	2 mg
M0144	5 mg

Store Temp -20°C

Ship Temp Ambient

Description Malantide is a synthetic peptide that is phosphorylated by PKA and is used to measure PKA activity in vitro.

References de Boer AR, Letzel T, Lingeman H, et al. Systematic development of an enzymatic phosphorylation assay compatible with mass spectrometric detection. *Anal Bioanal Chem.* 2005 Feb;381(3):647-55. PMID: 15703914.

Murray KJ, England PJ, Lynham JA, et al. Use of a synthetic dodecapeptide (malantide) to measure the cyclic AMP-dependent protein kinase activity ratio in a variety of tissues. *Biochem J.* 1990 May 1;267(3):703-8. PMID: 2160235.

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