



Product Information

Product ID M0144

CAS No. 86555-35-3

Chemical Name

Synonym

Formula $C_{72}H_{124}N_{22}O_{21}$

Formula Wt. 1633.93

Melting Point

Purity ≥95%

Solubility Soluble in water (1 mg/mL).

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.

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

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M0144	1 mg	\$63.00
M0144	2 mg	\$107.00
M0144	5 mg	\$189.00

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.