

NDP - MSH, 5 - TAMRA - labeled 5 - TMR - SYS - Nle - EHfRWGKPV - NH₂

Product Code: 3023-0100

Innopep Peptide Product

Price: \$289.00

Short Description

5-TMR-SYS-Nle-EHfRWGKPV-NH₂

Description

Overview

Description

This NDP-MSH peptide is fluorescently (5-TAMRA)-labeled on the N-terminus. Abs/Em=544/572 nm. NDP-MSH is a synthetic analog of alpha-Melanotropin (α -MSH, α -melanocyte-stimulating hormone) in which Asp₄ has been replaced with Norleucine and L-Phe with the D-isomer of Phe [Nle₄D-Phe₇] (NDP). NDP-MSH is a more potent in increasing pigmentation and decreasing UV damage in fair-skinned Caucasian volunteers.

Sequence

5-TMR-SYS-Nle-EHfRWGKPV-NH₂

Sequence (3 Letter)

5 - TMR - Ser - Tyr - Ser - Nle - Glu - His - D - Phe - Arg
- Trp - Gly - Lys - Pro - Val - NH₂

Molecular Weight

2017.3

Properties

Purity

% Peak Area By HPLC ? 95%

Storage

-20 °C

References

[Sawyer, TK. et al. *Proc Natl Acad Sci* **77**, 5754 \(1980\)](#)

[Barnetson, RS. et al. *J Invest Dermatol* **126**, 1869 \(2006\), doi:
10.1038/sj.jid.5700317](#)