## **Product** Data Sheet

## **Gluten Exorphin A5**

Cat. No.: HY-P5070 CAS No.: 142155-24-6 Molecular Formula:  $C_{29}H_{37}N_5O_9$  Molecular Weight: 599.63

**Sequence:** Gly-Tyr-Tyr-Pro-Thr

Sequence Shortening: GYYPT
Target: Others
Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

## **BIOLOGICAL ACTIVITY**

Description

Gluten Exorphin A5 is a fragment from wheat gluten with neuroprotective effects. Gluten Exorphin A5 produces various effects not only in the peripheral nervous systems but also in the central nervous system<sup>[1]</sup>.

## **REFERENCES**

[1]. M Takahashi, et al. Behavioral and pharmacological studies on gluten exorphin A5, a newly isolated bioactive food protein fragment, in mice. Jpn J Pharmacol. 2000 Nov;84(3):259-65.

Caution: Product has not been fully validated for medical applications. For research use only.

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