## **Product** Data Sheet

## H-Leu-Leu-Ala-OH

Cat. No.: HY-P4383 CAS No.: 20274-80-0 Molecular Formula:  $C_{15}H_{29}N_3O_4$ Molecular Weight: 315.41

Sequence: H-Leu-Leu-Ala-OH

Sequence Shortening: LLA

Target: Others

Pathway: Others

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

Analysis.

 $\begin{array}{c|c}
O & & H & O \\
NH_2 & H & O & \\
\end{array}$   $\begin{array}{c|c}
H & O & \\
N & & M & M \\
\end{array}$   $\begin{array}{c|c}
O & & M & M \\
\end{array}$   $\begin{array}{c|c}
O & & M & M \\
\end{array}$ 

## **BIOLOGICAL ACTIVITY**

Description

H-Leu-Leu-Ala-OH is a tripeptide composed of two L-leucine units joined to L-alanine by a peptide linkage. H-Leu-Leu-Ala-OH shows antioxidant activities<sup>[1]</sup>.

## **REFERENCES**

[1]. Mai Tian, et al. Structure-activity relationship of a series of antioxidant tripeptides derived from  $\beta$ -Lactoglobulin using QSAR modeling. Dairy Science & Technology. 2015,95, 451-463.

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

Tel: 609-228-6898

Fax: 609-228-5909

 $\hbox{E-mail: } tech@MedChemExpress.com$ 

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA