



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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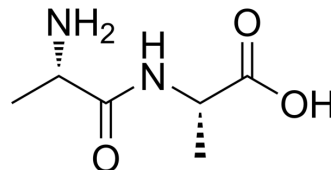
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## H-Ala-Ala-OH (L-Alanyl-L-alanine; Ala-Ala)

Cat. No.:	HY-W010162
CAS No.:	1948-31-8
Molecular Formula:	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	160.17
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

H-Ala-Ala-OH (L-Alanyl-L-alanine; Ala-Ala) is a nonpolar dipeptide that is absorbed by human intestinal Caco-2 cells. The transport of alanine (Ala), like proton/amino acid symport, can lead to cytoplasmic acidification<sup>[1]</sup>.

### REFERENCES

[1]. Thwaites D T, McEwan G T A, Brown C D A, et al. L-alanine absorption in human intestinal Caco-2 cells driven by the proton electrochemical gradient[J]. The Journal of membrane biology, 1994, 140: 143-151.

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

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