



# 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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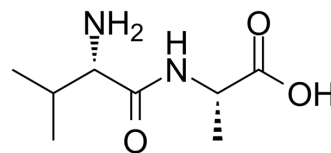
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## H-Val-Ala-OH

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-W007035                                                                                                                   |
| CAS No.:           | 27493-61-4                                                                                                                   |
| Molecular Formula: | C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>                                                                 |
| Molecular Weight:  | 188.22                                                                                                                       |
| Target:            | Endogenous Metabolite                                                                                                        |
| Pathway:           | Metabolic Enzyme/Protease                                                                                                    |
| Storage:           | <div> Powder -20°C 3 years </div> <div> 4°C 2 years </div> <div> In solvent -80°C 6 months </div> <div> -20°C 1 month </div> |



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (531.29 mM; Need ultrasonic)  
DMSO : < 1 mg/mL (insoluble or slightly soluble)

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 5.3129 mL | 26.5647 mL | 53.1293 mL |
|                              | 5 mM                     |      | 1.0626 mL | 5.3129 mL  | 10.6259 mL |
|                              | 10 mM                    |      | 0.5313 mL | 2.6565 mL  | 5.3129 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

H-Val-Ala-OH (Valyl-alanine) is a dipeptide formed from L-Valine and L-Alanine residues. H-Val-Ala-OH has a role as a metabolite<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

### REFERENCES

[1]. Erdogan H, et al. Morphological Versatility in the Self-Assembly of Val-Ala and Ala-Val Dipeptides. Langmuir. 2015 Jul 7;31(26):7337-45.

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

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