



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



D-Alanyl-L-leucine

Cat. No.: HY-W212029

CAS No.: 67113-60-4

Molecular Formula: C₉H₁₈N₂O₃

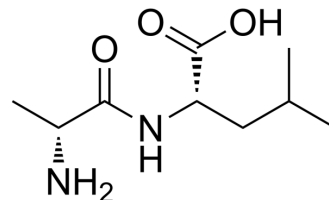
Molecular Weight: 202.25

Target: Others

Pathway: Others

Storage: -20°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (494.44 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.9444 mL	24.7219 mL	49.4438 mL
	5 mM		0.9889 mL	4.9444 mL	9.8888 mL
	10 mM		0.4944 mL	2.4722 mL	4.9444 mL

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

BIOLOGICAL ACTIVITY

Description

D-Alanyl-L-leucine (D-Ala-Leu) is a dipeptide that acts as a source donor of [L-Leucine](#) (HY-N0486)^[1].

In Vitro

The pip gene coding for the proline iminopeptidase (Pip) of *Xanthomonas campestris* pv. citri is cloned in an *Escherichia coli* leuB strain using a selective medium containing the dipeptide D-Alanyl-L-leucine (D-Ala-Leu) as the sole source of L-leucine [1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. J Alonso, et al. Proline iminopeptidase gene from *Xanthomonas campestris* pv. Citri. Microbiology (Reading). 1996 Oct;142 (Pt 10):2951-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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