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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

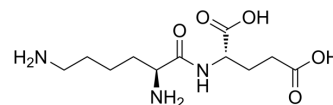
mail@szabo-scandic.com

www.szabo-scandic.com

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

Lysylglutamic acid

Cat. No.:	HY-W327145
CAS No.:	45234-02-4
Molecular Formula:	C ₁₁ H ₂₁ N ₃ O ₅
Molecular Weight:	275.3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lysylglutamic acid is a dipeptide formed by combining two amino acids, Lysine (Lys) and Glutamic acid (Glu). The K _i value of the membrane transporter PEPT1 was 1.3 mM ^[1] .
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REFERENCES

[1]. Biegel A, et al. Three-dimensional quantitative structure-activity relationship analyses of beta-lactam antibiotics and tripeptides as substrates of the mammalian H⁺/peptide cotransporter PEPT1. J Med Chem. 2005 Jun 30;48(13):4410-9.

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