

Certificate of Analysis

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Product Name: *N*-Acetylglycyl-D-glutamic acid

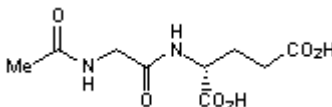
Catalog No.: 0395

Batch No.: 1

CAS Number: 135701-69-8

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:	C ₉ N ₁₄ N ₂ O ₆
Batch Molecular Weight:	246.22
Physical Appearance:	White solid
Solubility:	water to 50 mM
Storage:	Store at RT
Batch Molecular Structure:	



2. ANALYTICAL DATA

¹H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Informationwww.tocris.com**Product Name:** *N*-Acetylglycyl-D-glutamic acid**Catalog No.:** 0395**Batch No.:** 1

CAS Number: 135701-69-8

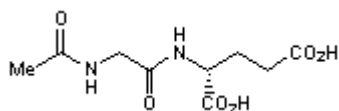
Description:

Excitatory peptide, more potent than L-glutamic acid at inducing seizures in mice.

Physical and Chemical Properties:Batch Molecular Formula: C₉N₁₄N₂O₆

Batch Molecular Weight: 246.22

Physical Appearance: White solid

Batch Molecular Structure:**Storage:** Store at RT**Solubility & Usage Info:**

water to 50 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Garyaev et al (1991) Excitatory action of some aspartate- and glutamate-containing dipeptides after intracerebroventricular injection in mice. *Eur.J.Pharmacol.* **197** 157. PMID: 1655472.

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