

N-Acetyl- $\beta$ -Asp-Glu

## Chemical Properties

CAS No. : 4910-46-7

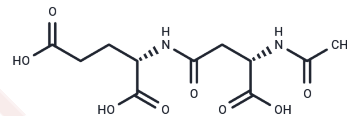
Formula: C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>

Molecular Weight: 304.25

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	N-Acetyl- $\beta$ -Asp-Glu is a peptide neurotransmitter, the third most common neurotransmitter in the mammalian nervous system. NAAG consists of N-acetylaspartate (NAA) and glutamate coupled via a peptide bond.
Targets(IC50)	Others,Aminopeptidase,GluR

## Solubility Information

Solubility DMSO: 11 mg/mL (36.15 mM),Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2868 mL	16.4339 mL	32.8677 mL
5 mM	0.6574 mL	3.2868 mL	6.5735 mL
10 mM	0.3287 mL	1.6434 mL	3.2868 mL
50 mM	0.0657 mL	0.3287 mL	0.6574 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Sala-Rabanal M, Loo DD, Hirayama BA, Turk E, Wright EM: Molecular interactions between dipeptides, drugs and the human intestinal H<sup>+</sup> -oligopeptide cotransporter hPEPT1. J Physiol. 2006 Jul 1;574(Pt 1):149-66. Epub 2006 Apr 20
- Sanchis-Merino ME, Montero JA, Ruiz-Moreno JM, Rodriguez AE, Pastor S: Comparative efficacy of topical antihistamines in an animal model of early phase allergic conjunctivitis. Exp Eye Res. 2008 May;86(5):791-7. doi: 10.12016/j.exer.2008.02.2007. Epub 2008 Mar 4

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481