

**Product Name:** N-Acetyl-L-glutamic acid, 99%  
**Catalog Number:** B23621.22

**CAS Number:** 1188-37-0  
**IUPAC Name:** 2-acetamidopentanedioic acid  
**Molecular Formula:** C<sub>7</sub>H<sub>11</sub>NO<sub>5</sub>  
**Molecular Weight:** 189.17  
**InChI Key:** RFMMMVDNIPUKGG-UHFFFAOYNA-N  
**SMILES:** CC(=O)NC(CCC(O)=O)C(O)=O  
**Synonym:** acetylglutamate Ac-Glu-OH (D)-N-acetylglutamate N-acetylglutamate, (D)- N-ac-glu-OH  
2-acetamido-L-glutaraldehydate N-acetylglutamate, (DL)-isomer N-acetylglutamate,  
(D)-isomer (D)-isomer N-acetylglutamate N-acetylglutamate, (DL)-

## Product Specification

**Appearance (Color):** White  
**Form:** Crystals or powder or crystalline powder  
**Assay (Aqueous acid-base Titration):** ≥98.5 to ≤101.5%  
**Optical Rotation:** -13 ° to -18° (c=1 in water)

**Date Of Print:** 05/28/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*