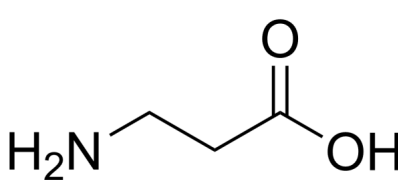


## Data Sheet

### Product Information

|                                          |                                                                                                                                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number                           | BP16205                                                                                                                                                                                             |
| Product Name                             | $\beta$ -Alanine                                                                                                                                                                                    |
| Description                              | $\beta$ -Alanine is a naturally occurring beta amino acid formed in vivo by the degradation of dihydrouracil and carnosine. It acts as a neurotransmitter by activating glycine and GABA receptors. |
| Synonyms                                 | beta-Alanine, 3-Aminopropanoic acid, 2-Carboxyethylamine                                                                                                                                            |
| CAS No.                                  | 107-95-9                                                                                                                                                                                            |
| Chemical Formula                         | C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>                                                                                                                                                       |
| Molecular Weight                         | 89.094                                                                                                                                                                                              |
| Solubility                               | DMSO: 10mM                                                                                                                                                                                          |
| Storage                                  | Powder: -20°C for 2 years<br>In solvent: -80°C for 1 year                                                                                                                                           |
| Chemical Structure<br>OR<br>Tested Image |  <chem>NC(C)C(=O)O</chem>                                                                                       |

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