

Product Datasheet

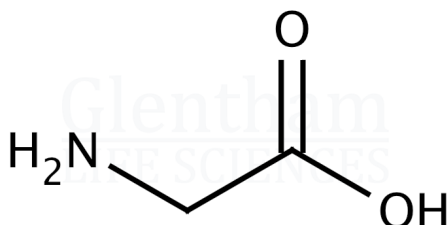
GM1110 - Glycine, 99%, ACS grade

Product Details

Product Name	Glycine, 99%, ACS grade
Glenthams Code	GM1110
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
Related Categories	Amino Acids, Biochemicals, Buffers, Analytical Reagents

Structure

Molecular Weight	: 75.07
Molecular Formula	: C ₂ H ₅ NO ₂



Identification	: To pass test
Melting Point	: 232 - 236 °C
Chloride (Cl)	: ≤ 0.005%
Sulphate (SO ₄)	: ≤ 0.005%
Ammonium (NH ₄)	: ≤ 0.005%
Heavy Metals (as Pb)	: ≤ 20ppm
Hydrolysable Substances	: To pass test
Substances Darkened by H ₂ SO ₄	: To pass test
Residue on Ignition	: ≤ 0.1%
Assay	: ≥ 98.5%
Grade	: ACS
Version	: v1.0

About Glycine, 99%, ACS grade

Glycine is an inhibitory neurotransmitter in the central nervous system, especially in the spinal cord, brainstem, and retina and is a required co-agonist along with glutamate for NMDA receptors.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description	: White or almost white crystalline powder or crystals
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