

## Product Datasheet

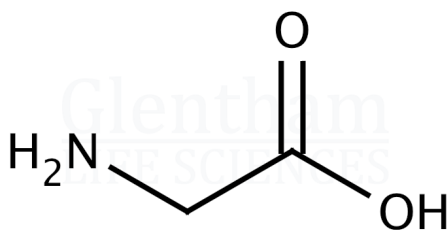
### GM2385 - Glycine

#### Product Details

Product Name	Glycine
Glenthams Code	GM2385
CAS Number	56-40-6
EINECS	200-272-2
MDL Number	MFCD00008131
PubChem SID	295369472
Related Categories	Amino Acids, Biochemicals, Buffers, Raw Materials (IVD), Reagents for Gel Electrophoresis of Proteins, Reagents for Cell Culture, Reagents for Western Blotting, Cosmetic Raw Materials

#### Structure

Molecular Weight : 75.07  
Molecular Formula :  $C_2H_5NO_2$



#### 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 to almost white crystalline powder
Solubility (10% in water)	: Clear, colourless to very faint yellow solution
Identification	: IR
Residue on Ignition	: ≤ 0.1%
Heavy Metals (as Pb)	: ≤ 20ppm
Assay (Titration)	: 98.5 - 101.5 % (dried basis)
Version	: v1.1

#### About Glycine

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.