

# 还原型谷胱甘肽 L-Glutathione reduced

Technical literature is available at: [www.mesgenbio.com](http://www.mesgenbio.com). E-mail MesGen Technical Services if you have questions on use of this system: [tech@mesgenbio.com](mailto:tech@mesgenbio.com)

**MESGEN**  
INNOVATION BIOTECHNOLOGY

**Catalog Number :** MG1545

**CAS :** 70-18-8

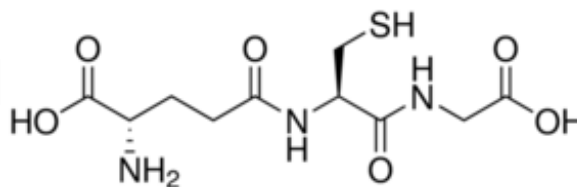
**MDL :** MFCD00065939

**Purity  $\geq$  98% (HPLC)**

**Molecular Weight :** 307.33

**Molecular Formula :** C<sub>10</sub>H<sub>17</sub>N<sub>3</sub>O<sub>6</sub>S

**Synonym :**  $\gamma$ -L-Glutamyl-L-cysteinyl-glycine, GSH



## Description

A tripeptide that serves as a component of the  $\gamma$ -glutamyl amino acid transport system. An endogenous antioxidant that provides protection against autooxidation.

## IC50 & Target

Human Endogenous Metabolite.

## In Vitro

L-Glutathione reduced is a non-protein thiol widely exists in living cells. L-Glutathione reduced plays important biological functions in the organism, including protein and DNA synthesis, enzyme activity, metabolism and cell protection. L-Glutathione reduced is capable of scavenging oxygen-derived free radicals and is established to be a marker of oxidative stress.

## Solubility

H<sub>2</sub>O :  $\geq$  60 mg/mL (195.24 mM)

## Storage condition

Store at -20°C & Store in the dark

***For Research Use Only. Not For Use In Diagnostic Procedures.***

MesGen Biotechnology

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