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Oxiglutatione

National Cancer Institute

Source

National Cancer Institute. *Oxiglutatione*. NCI Thesaurus. Code C62624.

The oxidized disulfide form of glutathione (GSH) with potential protective activity. Glutathione disulfide (GSSG) is reduced by glutathione reductase to GSH. GSSG and GSH together play important roles in numerous redox reactions, such as those involved in the detoxification of harmful substances and free radicals, and in reactions preventing oxidative damage in erythrocytes. Upon ocular administration in irrigation solution, glutathione disulfide may exert a beneficial effect on the intracellular redox state of glutathione, thereby protecting the integrity and barrier function of the corneal endothelial cells.