

Hepatoprotection by L-cysteine-glutathione mixed disulfide, a sulfhydryl-modified prodrug of glutathione.

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L-Cysteine-glutathione disulfide, a ubiquitous substance present in mammalian cells, was shown to be highly effective in protecting mice against acetaminophen-induced hepatotoxicity. Since the corresponding D-cysteine-glutathione disulfide was totally ineffective in this regard, an enzymatic mechanism that provides glutathione directly to cells is postulated. Copyright 2003 Wiley Periodicals, Inc. *J Biochem Mol Toxicol* 17:95-97, 2003; Published online in Wiley InterScience (www.interscience.wiley.com). DOI 10.1002/jbt.10069

