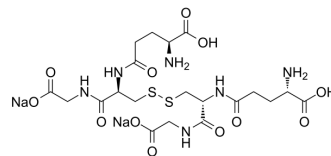


Glutathione oxidized disodium

Cat. No.:	HY-12590
CAS No.:	103239-24-3
Molecular Formula:	C ₂₀ H ₃₀ N ₆ Na ₂ O ₁₂ S ₂
Molecular Weight:	656.59
Target:	Endogenous Metabolite; Reactive Oxygen Species
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glutathione oxidized disodium is produced by the oxidation of glutathione which is a major intracellular antioxidant and detoxifying agent ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Adv Sci (Weinh). 2022 Oct 18;e2203088.
- Microbiol Spectr. 2023 Sep 21;e0267123.
- SSRN. 2023 Nov 17.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Nur E, et al. Increased efflux of oxidized glutathione (GSSG) causes glutathione depletion and potentially diminishes antioxidant defense in sickle erythrocytes. Biochim Biophys Acta. 2011 Nov;1812(11):1412-7.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA