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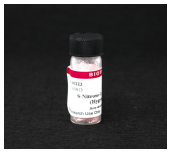
S-Nitroso-L-glutathione

Releases nitric oxide spontaneously under physiological conditions and plays an essential role in the biochemical and physiological functions of nitric oxide pathways.



Product attributes

CAS number	57564-91-7
Molecular weight	336
Storage Conditions	Store at -10 to -35 °C, Desiccate

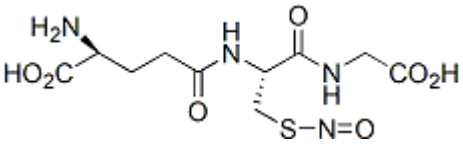
Product Description

Similar to SNAP, *S*-nitrosogluthathione (SNOG or GSNO) releases nitric oxide (NO) spontaneously under physiological conditions and plays an essential role in the biochemical and physiological functions of NO pathways.

- Generate nitric oxide and superoxides
- Pinkish solid soluble in water and DMSO

NO concentration is often assessed by measuring nitrite level using the Griess Reagent. If a variety of nitric oxide generators are needed, we offer a Nitric Oxide Generation Kit which has 10mg each of SIN-1 (00221), SNAP (00222), S-nitrosoglutathione (00223), spermine NONOate (00224), and DEA-NONOate (00225).

Molecular Structure:



References

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2. Br J Pharmacol 107, 745 (1992), DOI: 10.1111/j.1476-5381.1992.tb14517.x
3. Chem. Res. Toxicol. 23, 2 (2010), DOI: 10.1021/tx900387k