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Inhibitors, Screening Libraries, Proteins

GSNOR

S-nitrosoglutathione reductase

S-Nitrosoglutathione reductase (GSNOR) is a member of the alcohol dehydrogenase family (ADH) that regulates the levels of S-nitrosothiols (SNOs) through catabolism of S-nitrosoglutathione (GSNO).

GSNOR reduces the nitric oxide (NO) adduct S-nitrosoglutathione (GSNO), an essential reservoir for NO bioactivity. In plants, GSNOR has been found to be important in resistance to bacterial and fungal pathogens. GSNOR is ubiquitously expressed and catalyzes denitrosylation of GSNO, thereby downregulating protein S-nitrosylation in β -cells.

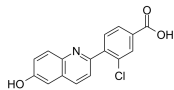
GSNOR activity appears to be necessary for normal development and fertility under optimal growth conditions.

GSNOR Inhibitors

Cavosonstat (N91115)

Cat. No.: HY-109027

Cavosonstat (N91115) is an orally active **S-nitrosogluthathione reductase (GSNOR)** inhibitor. Cavosonstat is a CFTR stabilizer, and can be used for cystic fibrosis research.

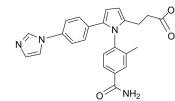


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

N6022

Cat. No.: HY-14984

N6022 is a potent, selective, reversible, and efficacious **S-Nitrosogluthathione reductase(GSNOR)** inhibitor with IC_{50} of 8 nM.



Purity: 99.89%
Clinical Data: Phase 1
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg