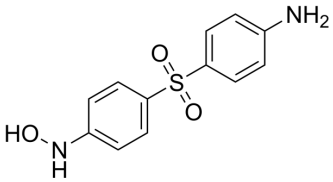
Dapsone hydroxylamine

Cat. No.:	HY-137155
CAS No.:	32695-27-5
Molecular Formula:	$C_{12}H_{12}N_2O_3S$
Molecular Weight:	264.3
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dapsone hydroxylamine (DDS-NOH) induces methemoglobinemia. Dapsone hydroxylamine inhibits catalase (CAT) activity and reactive oxygen species generation. Dapsone hydroxylamine also has anti-inflammatory activity[1].

REFERENCES

[1]. Albuquerque RV, et al. In Vitro Protective Effect and Antioxidant Mechanism of Resveratrol Induced by Dapsone Hydroxylamine in Human Cells. PLoS One. 2015 Aug 18;10(8):e0134768.

[2]. Wozel G, et al. Dapsone hydroxylamine inhibits the LTB4-induced chemotaxis of polymorphonuclear leukocytes into human skin: results of a pilot study. Inflamm Res. 1997 Oct;46(10):420-2.

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