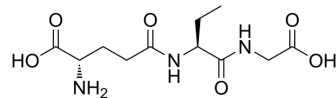


Ophthalmic acid

Cat. No.:	HY-126752
CAS No.:	495-27-2
Molecular Formula:	C ₁₁ H ₁₉ N ₃ O ₆
Molecular Weight:	289.29
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	Ophthalmic acid, an analogue of GSH, is a marker of oxidative stress and hepatic GSH consumption. Ophthalmic acid is an inhibitor of Glyoxalase I reaction ^{[1][2]} .
--------------------	--

REFERENCES

- [1]. Gurnit Kaur, et al. Detection of Ophthalmic Acid in Serum from Acetaminophen-Induced Acute Liver Failure Patients Is More Frequent in Non-Survivors. PLoS One. 2015 Sep 25;10(9):e0139299.
- [2]. E E CLIFFE, et al. The mechanism of the glyoxalase I reaction, and the effect of ophthalmic acid as an inhibitor. Biochem J. 1961 Jun;79(3):475-82.

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