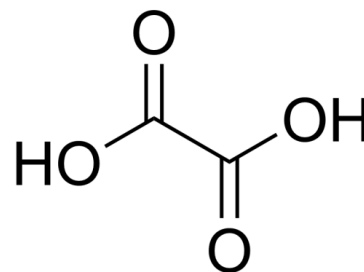


Data Sheet

Product Name:	Oxalic acid, 99%
Cat. No.:	CS-0013716
CAS No.:	144-62-7
Molecular Formula:	C ₂ H ₂ O ₄
Molecular Weight:	90.03
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 130 mg/mL (1443.96 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Oxalic Acid is a strong dicarboxylic acid occurring in many plants and vegetables and can be used as an analytical reagent and general reducing agent. *In Vitro*: Oxalic Acid, a pathogenicity factor for *sclerotinia sclerotiorum*, suppresses the Oxidative burst of the host plant and directly inhibits the OGA-stimulated production of H₂O₂ by soybean cells, even in the absence of other fungal components^[1].

References:

[1]. Cessna SG, et al. Oxalic acid, a pathogenicity factor for *Sclerotinia sclerotiorum*, suppresses the oxidative burst of the host plant. *Plant Cell*. 2000 Nov;12(11):2191-200.

CAIndexNames:

Ethanedioic acid

SMILES:

OC(C(O)=O)=O

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

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