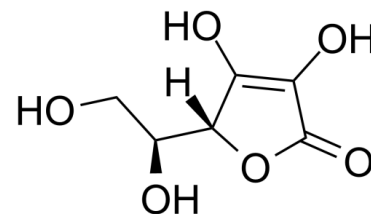


Data Sheet

Product Name:	L-Ascorbic acid
Cat. No.:	CS-2006
CAS No.:	50-81-7
Molecular Formula:	C ₆ H ₈ O ₆
Molecular Weight:	176.12
Target:	Apoptosis; Reactive Oxygen Species
Pathway:	Apoptosis; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Solubility:	DMSO : 100 mg/mL (567.79 mM; Need ultrasonic); H ₂ O : ≥ 100 mg/mL (567.79 mM)



BIOLOGICAL ACTIVITY:

L-Ascorbic acid is an effective reducing agent and donor antioxidant.

References:

[1]. Lachapelle MY, et al. Inactivation dates of the human and guinea pig vitamin C genes. *Genetica*. 2011 Feb;139(2):199-207.

CAIndexNames:

L-Ascorbic acid

SMILES:

OC([C@@]1([H])[C@H](CO)O)=C(O)C(O1)=O

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

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