

## cis-Coronaric acid

## Chemical Properties

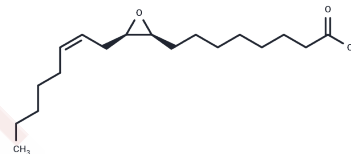
CAS No. : 61949-82-4

Formula: C<sub>18</sub>H<sub>32</sub>O<sub>3</sub>

Molecular Weight: 296.45

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	cis-Coronaric acid is the trans-epoxide of linoleic acid, generated during the oxidative burst of neutrophils. It can be extracted from the lungs of hyperoxic experimental rodents and from humans suffering from acute respiratory distress syndrome (ARDS). The cytotoxicity of cis-Coronaric acid primarily manifests as mitochondrial dysfunction, which may be linked to its diol metabolites and its parent epoxide.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3733 mL	16.8663 mL	33.7325 mL
5 mM	0.6747 mL	3.3733 mL	6.7465 mL
10 mM	0.3373 mL	1.6866 mL	3.3733 mL
50 mM	0.0675 mL	0.3373 mL	0.6747 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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