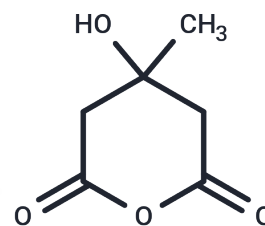


## Dicrotalic anhydride

## Chemical Properties

CAS No. :	34695-32-4
Formula:	C <sub>6</sub> H <sub>8</sub> O <sub>4</sub>
Molecular Weight:	144.13
Storage:	Store at low temperature, Store under nitrogen Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Dicrotalic anhydride(3-hydroxy-3-Methylglutaric anhydride) induces DNA damage in rat striatum.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 10 mg/mL (69.38 mM), Sonication is recommended. PBS (pH 7.2): 10 mg/mL (69.38 mM), Sonication is recommended. Ethanol: 10 mg/mL (69.38 mM), Sonication is recommended. DMF: 10 mg/mL (69.38 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9382 mL	34.6909 mL	69.3818 mL
5 mM	1.3876 mL	6.9382 mL	13.8764 mL
10 mM	0.6938 mL	3.4691 mL	6.9382 mL
50 mM	0.1388 mL	0.6938 mL	1.3876 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.

Reference

Williamson IP, Rodwell VW. Isolation and purification of 3-hydroxy-3-methylglutaryl-coenzyme A by ion-exchange chromatography. J Lipid Res. 1981 Jan;22(1):184-7

Baran JS, Laos I, Langford DD, Miller JE, Jett C, Taite B, Rohrbacher E. 3-Alkyl-3-hydroxyglutaric acids: a new class of hypocholesterolemic HMG CoA reductase inhibitors. 1. J Med Chem. 1985 May;28(5):597-601.

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