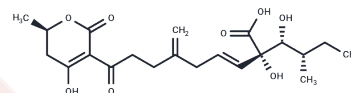


## Alternaric acid

## Chemical Properties

CAS No. :	10088-62-7
Formula:	C <sub>21</sub> H <sub>30</sub> O <sub>8</sub>
Molecular Weight:	410.458
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	Alternaric acid is a host-specific toxin produced by plant fungi. In the presence of Ca <sup>2+</sup> and Mg <sup>2+</sup> , alternaric acid stimulates the phosphorylation of the His-tagged cytoplasmic kinase RiCDPK2.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4363 mL	12.1815 mL	24.3629 mL
5 mM	0.4873 mL	2.4363 mL	4.8726 mL
10 mM	0.2436 mL	1.2181 mL	2.4363 mL
50 mM	0.0487 mL	0.2436 mL	0.4873 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.

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