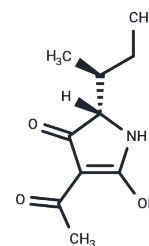


Tenuazonic acid

Chemical Properties

CAS No. :	610-88-8
Formula:	C ₁₀ H ₁₅ NO ₃
Molecular Weight:	197.23
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	Tenuazonic acid is a putative nonhost-selective mycotoxin isolated from <i>Alternaria alternata</i> . Tenuazonic acid blocks electron transport beyond primary quinone acceptor (QA) by interacting with D1 protein and it is a broad-spectrum and effective photosystem II (PSII) inhibitor.
Targets(IC50)	Others,Antibacterial,Influenza Virus,Virus Protease,Photosystem (PS)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0702 mL	25.3511 mL	50.7022 mL
5 mM	1.014 mL	5.0702 mL	10.1404 mL
10 mM	0.507 mL	2.5351 mL	5.0702 mL
50 mM	0.1014 mL	0.507 mL	1.014 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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