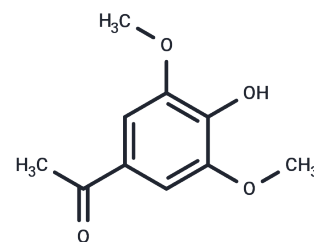


Acetosyringone

Chemical Properties

CAS No. :	2478-38-8
Formula:	C ₁₀ H ₁₂ O ₄
Molecular Weight:	196.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Acetosyringone (Acetosyringenin)(AS) is a phenol secreted by wounded plant tissues. Acetosyringone is a phenolic natural product with analgesic, antipyretic and anti-inflammatory actions.
Targets(IC50)	Others
In vivo	Acetosyringone enhances efficient Dunaliella transformation of Agrobacterium strains

Solubility Information

Solubility	DMSO: 39 mg/mL (198.78 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0968 mL	25.4842 mL	50.9684 mL
5 mM	1.0194 mL	5.0968 mL	10.1937 mL
10 mM	0.5097 mL	2.5484 mL	5.0968 mL
50 mM	0.1019 mL	0.5097 mL	1.0194 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.

Reference

Srinivasan R , Gothandam K M . Synergistic Action of D-Glucose and Acetosyringone on Agrobacterium Strains for Efficient Dunaliella Transformation[J]. PLOS ONE, 2016, 11(6):e0158322.

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