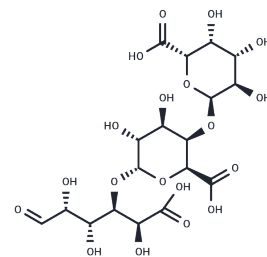


## Trigalacturonic Acid

## Chemical Properties

CAS No. :	6037-45-2
Formula:	C <sub>18</sub> H <sub>26</sub> O <sub>19</sub>
Molecular Weight:	546.39
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	Trigalacturonic acid is an oligosaccharide that inhibits proteinase activity in tomato plants (ED <sub>50</sub> = 2.6 µg/plant).
Targets(IC <sub>50</sub> )	Others,Endogenous Metabolite

## Solubility Information

Solubility	H <sub>2</sub> O: 50 mg/mL (91.51 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	1.8302 mL	9.151 mL	18.3019 mL
5 mM	0.366 mL	1.8302 mL	3.6604 mL
10 mM	0.183 mL	0.9151 mL	1.8302 mL
50 mM	0.0366 mL	0.183 mL	0.366 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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