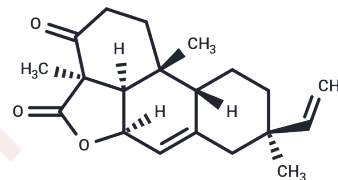


Momilacton A

Chemical Properties

CAS No. :	51415-07-7
Formula:	C ₂₀ H ₂₆ O ₃
Molecular Weight:	314.43
Storage:	Keep away from direct sunlight 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	Momilacton A is a natural product and plant antitoxin discovered in <i>Oryza sativa</i> L. that inhibits α -amylase and α -glucosidase (IC ₅₀ = 266.68/991.95 μ g/mL).
Targets(IC ₅₀)	Glucosidase,Amylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1804 mL	15.9018 mL	31.8036 mL
5 mM	0.6361 mL	3.1804 mL	6.3607 mL
10 mM	0.318 mL	1.5902 mL	3.1804 mL
50 mM	0.0636 mL	0.318 mL	0.6361 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

Quan NV, et al. Momilactones A and B Are α -Amylase and α -Glucosidase Inhibitors. *Molecules*. 2019;24(3):482. Published 2019 Jan 29.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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