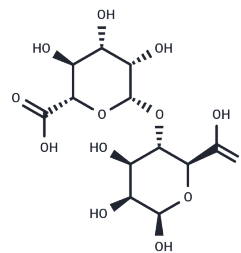


D-Dimannuronic acid

Chemical Properties

CAS No. :	34044-53-6
Formula:	C ₁₂ H ₁₈ O ₁₃
Molecular Weight:	370.26
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	D-Dimannuronic acid, derived from brown algae, is an alginate extract employed in the synthesis of sulfated polymannuronate (SPMG)-derived oligosaccharides.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7008 mL	13.504 mL	27.008 mL
5 mM	0.5402 mL	2.7008 mL	5.4016 mL
10 mM	0.2701 mL	1.3504 mL	2.7008 mL
50 mM	0.054 mL	0.2701 mL	0.5402 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

Liu H, et, al. Multiple and multivalent interactions of novel anti-AIDS drug candidates, sulfated polymannuronate (SPMG)-derived oligosaccharides, with gp120 and their anti-HIV activities. Glycobiology. 2005 May; 15(5):501-10.

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