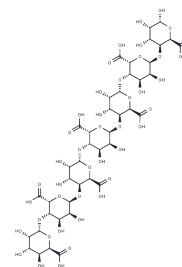


L-heptaguronic acid

Chemical Properties

CAS No. :	862694-87-9
Formula:	C42H58O43
Molecular Weight:	1250.883
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	L-heptaguronic acid, derived from seaweed, is a constituent of alginates, which are natural biopolymers.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7994 mL	3.9972 mL	7.9944 mL
5 mM	0.1599 mL	0.7994 mL	1.5989 mL
10 mM	0.0799 mL	0.3997 mL	0.7994 mL
50 mM	0.016 mL	0.0799 mL	0.1599 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

Iwamoto M, et, al. Structure-activity relationship of alginate oligosaccharides in the induction of cytokine production from RAW264.7 cells. FEBS Lett. 2005 Aug 15; 579(20): 4423-9.

Plazinski W, et, al. Conformational properties of acidic oligo- and disaccharides and their ability to bind calcium: a molecular modeling study. Carbohydr Res. 2012 Aug 1; 357:111-7.

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