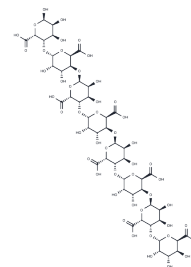


## L-octaguronic acid

## Chemical Properties

CAS No. :	862694-88-0
Formula:	C48H66O49
Molecular Weight:	1427.007
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-octaguronic acid, derived from seaweed, is a constituent of alginates [natural biopolymers].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7008 mL	3.5038 mL	7.0077 mL
5 mM	0.1402 mL	0.7008 mL	1.4015 mL
10 mM	0.0701 mL	0.3504 mL	0.7008 mL
50 mM	0.014 mL	0.0701 mL	0.1402 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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