

## MJ33 lithium salt Biochemical | MJ33 biochemical

MJ33 lithium salt

CATALOG #  
**AAA227413**

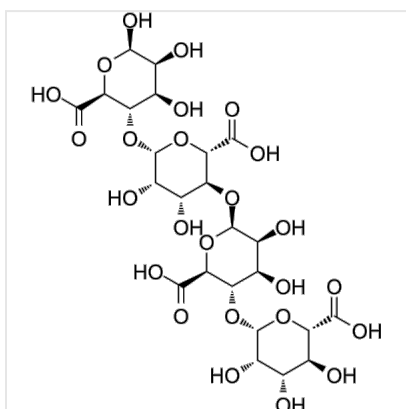
### PRODUCT SYNONYMS

MJ33 lithium salt; MJ33 biochemical

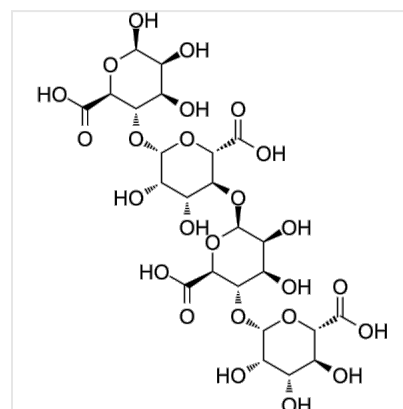
### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                      |
| CAS                     | 1007476-63-2                                                             |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble              |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years |

### IMAGES



Structure  
D-Tetramannuronic acid, CAS 149511-34-2



Structure  
D-Tetramannuronic acid, CAS 149511-34-2

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MJ33 biochemical | MJ33 is an active-site-directed, specific, competitive, and reversible phospholipase A2 (PLA2) inhibitor. MJ33 blocks the calcium-independent phospholipase A2 (iPLA2) activity of Prdx6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| References                                       | <ol style="list-style-type: none"> <li>Heyraud A, et, al. HPLC analysis of saturated or unsaturated oligogulonates and oligomannuronates. Application to the determination of the action pattern of Haliotis tuberculata alginate lyase. Carbohydr Res. 1996 Sep 23; 291:115-26.</li> <li>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.</li> <li>Geng M, et, al. Application of sodium alginate oligose and derivative to treatment of pain. CN106344595A.</li> <li>Geng M, et, al. Application of sodium alginate oligose and derivative to treatment of vascular dementia. CN106344593A.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

