

## D-Pentamannuronic acid Biochemical

D-Pentamannuronic acid

CATALOG #  
**AAA227944**

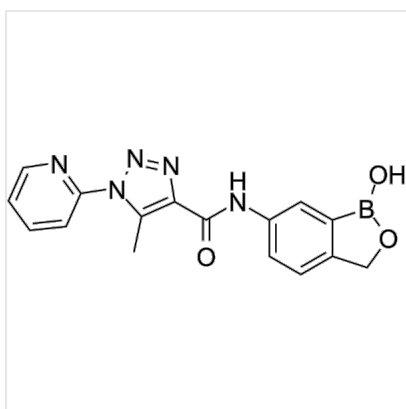
### PRODUCT SYNONYMS

D-Pentamannuronic acid; D-Pentamannuronic acid biochemical

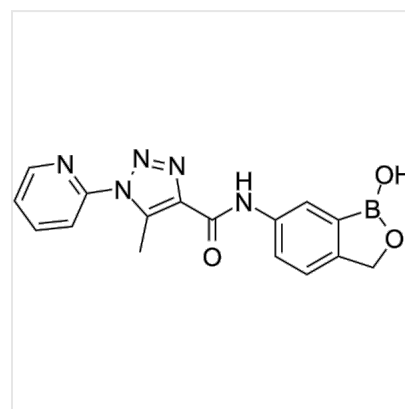
### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                      |
| CAS                     | 183668-50-0                                                              |
| 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  
DNDI-6148, CAS 2243909-59-1



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DNDI-6148, CAS 2243909-59-1

### ADDITIONAL INFORMATION

|                                                                    |                                                                                                                                                                                                                         |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for D-Pentamannuronic acid biochemical | D-Pentamannuronic acid, an alginate oligomer, is produced by marine brown algae and by a limited range of Gram negative bacteria. D-Pentamannuronic acid can be used for the research of pain and vascular dementia[4]. |
| References                                                         | 1. Mowbray CE, et al. DNDI-6148: A Novel Benzoxaborole Preclinical Candidate for the Treatment of Visceral Leishmaniasis. J Med Chem. 2021 Nov 11;64(21):16159-16176.                                                   |

**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.