

# Guanosine 5'-diphosphate (sodium salt hydrate) Biochemical

Guanosine 5'-diphosphate (sodium salt hydrate)

CATALOG #  
AAA227202

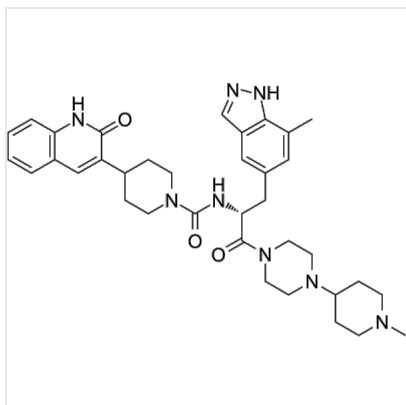
## PRODUCT SYNONYMS

Guanosine 5'-diphosphate (sodium salt hydrate); Zavegepant; BHV-3500; Guanosine 5'-diphosphate (sodium salt hydrate) biochemical

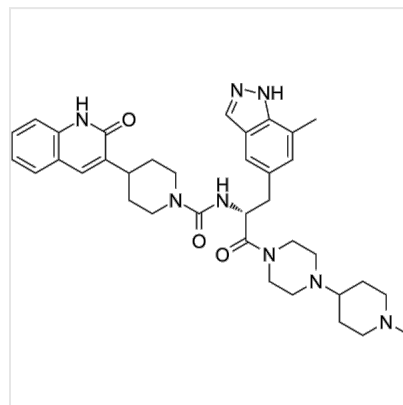
## PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                   |
| Solubility              | PBS (pH 7.2): 10 mg/mL<br><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  
Zavegepant, CAS 1337918-83-8



Structure  
Zavegepant, CAS 1337918-83-8

## ADDITIONAL INFORMATION

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|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Guanosine 5'-diphosphate (sodium salt hydrate) biochemical | Guanosine 5'-diphosphate (GDP) is a purine nucleotide and biosynthetic precursor of guanosine 5'-triphosphate.1It has been used to study the conformations of GTPases.2GDP (100 uM) activates sulfonylurea receptor 2B (SUR2B) linked to the inward-rectifier potassium channel 6.1 (Kir6.1) in HEK293T cells in a patch-clamp assay.3 |
| References                                                                                 | 1. Leonard KA, et al. Discovery of a Gut-Restricted JAK Inhibitor for the Treatment of Inflammatory Bowel Disease. J Med Chem. 2020 Mar 26;63(6):2915-2929.<br>2. Gene M Dubowchik, Charles M Conway, Alison W Xin. Blocking the CGRP Pathway for Acute and Preventive Treatment of Migraine: The Evolution of Success.                |

**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.