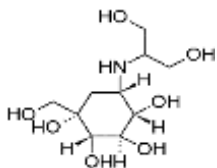


**PRODUCT: Voglibose****ALTERNATE NAMES:** 3,4-Dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-D-*epi*-inositol, N-(1,3-Dihydroxyprop-2-yl)valiolamine; AO-128**CATALOG NUMBER:** B2111-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>10</sub>H<sub>21</sub>NO<sub>7</sub>**MOLECULAR WEIGHT:** 267.3**CAS NUMBER:** 83480-29-9**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~10 mg/ml) or H<sub>2</sub>O (~20 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Voglibose is a competitive  $\alpha$ -glucosidase inhibitor (IC<sub>50</sub> = 5.6  $\mu$ M). It delays the absorption and digestion of dietary polysaccharides by reversibly inhibiting digestive enzymes such as maltase, isomaltase, and sucrase with IC<sub>50</sub> values of 0.18, 5.2, and 0.37  $\mu$ M, respectively. Voglibose is also known to increase glucagon-like peptide 1 release.**REFERENCE:** Dabhi, A.S., et al. (2013). *J.Clin.Diagn.Res.* **7**, 3023-3027**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Chlorpropamide (**Cat. No. B2105-100, 500**)  
 Dipeptidylpeptidase IV, Human Plasma (**Cat. No. 4709-10**)  
 Dipeptidylpeptidase IV, Human Recombinant (**Cat. No. 4710-10, 50, 1000**)  
 Dipeptidylpeptidase IV Inhibitor, K 579 (**Cat. No. 1963-1, 5**)  
 Dipeptidylpeptidase IV Inhibitor, NVP DPP 728 (**Cat. No. 1964-1, 5**)  
 Diprotin A (**Cat. No. 2191-5, 25**)  
 Diprotin B (**Cat. No. 2192-5, 25**)  
 DiscoveryPak™ DPP-4 Inhibitors Set (**K890-5**)  
 DPP4 Activity Assay Kit (**Cat. No. K779-100**)  
 DPP4 Inhibitor Screening Kit (**Cat. No. K780-100**)  
 Extedin-4 (acetate) (**Cat. No. B2106-1,5**)  
 Glimepiride (**Cat. No. B2107-100,500**)  
 Linagliptin (**Cat. No. 2240-50, 250**)  
 Mitiglinide calcium (**Cat. No. B2108-10, 50**)  
 MK-3102 (**Cat. No. 9599-1,5**)  
 Nateglinide (**Cat. No. B2109-10, 50**)  
 Repaglinide (**Cat. No. B2110-10, 50**)  
 Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)  
 Stevioside hydrate (**Cat. No. B1242-5,25**)  
 Vlidagliptin (**Cat. No. 2188-10, 50**)  
 Voglibose (**Cat. No. B2111-10,50**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**