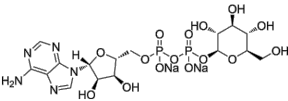


# ADP-Glucose disodium

货号: B27573



## 产品信息

生物活性	ADP-Glucose disodium is an immediate precursor used for the biosynthesis of storage <b>polysaccharides</b> in <b>plants</b> , green algae, and cyanobacteria, and structural <b>polysaccharides</b> in some bacteria, by the addition of glucose. [1], [2] It is used to produce amylose, amylopectin, starch and other <b>polysaccharides</b> by amylose synthase or starch synthase in plastids. ADPG is usually produced in plastids, although it can be biosynthesized in the cytoplasm of some grasses and imported into plastids by membrane-bound transporters. [3] References: [1]. Ball, SG and Morell, MK From <b>bacterial</b> glycogen to starch: understanding the biogenesis of plant starch granules. Annu. Rev. Plant Biology. 54, 207-233 (2003). [2]. Sambou, T., Dina dayala, P., Stadthagen, G. et al. Capsular glucan and intracellular glycogen of Mycobacterium tuberculosis: biosynthesis and implications for mouse survival. Molecular Microbiology 70(3), 762-774 (2008).[3]. Comparot-Moss, S. and Denyer, K. Evolution of the starch biosynthetic pathway in cereals and other grasses. Journal of Experimental Botany 60(9), 2481-2492 (2009).
CAS	102129-65-7
中文名称	腺苷-5'-二磷酸葡萄糖二钠盐
分子量	633.31
体外研究	
体内研究	
形式	
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	Please store the product under the recommended conditions in the Certificate of Analysis.
溶解性	
纯度	