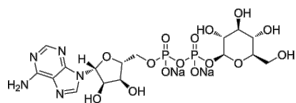


ADP-Glucose disodium

货号: **AYB27573**



产品信息

生物活性	ADP-Glucose disodium is an immediate precursor used for the biosynthesis of storage polysaccharides in plants , green algae, and cyanobacteria, and structural polysaccharides in some bacteria, by the addition of glucose. [1], [2] It is used to produce amylose, amylopectin, starch and other polysaccharides 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 bacterial 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	