Creative Enzymes®

Adenosine-5'-diphosphoglucose disodium salt

Cat. No. COEC-083

Lot. No. (See product label)

Introduction

Description	Adenosine-5'-diphosphoglucose is a nucleotide substrate commonly used as a glucose donor. It is a substrate for starch synthase, alpha-1,4-glucan-protein synthase, and ADP-glucose pyrophosphorylases, as well as many glucosyltransferases.
Applications	A nucleotide substrate commonly used as a glucose donor
Synonyms	ADP-Glucose; ADP-glc; ADPG

Product Information

Appearance	Powder
Form	Solid
CAS No.	102129-65-7
Molecular Formula	C16H23Na2N5O15P2
Molecular Weight	633.31
Purity	≥95%
Melting Point	196.1-197.8° C
Solubility	Soluble in water (50 mg/l).