

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).