

## 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

C<sub>16</sub>H<sub>23</sub>Na<sub>2</sub>N<sub>5</sub>O<sub>15</sub>P<sub>2</sub>

#### Molecular Weight

633.31

#### Purity

≥95%

#### Melting Point

196.1-197.8° C

#### Solubility

Soluble in water (50 mg/l).