

## 2,3-Diphospho-D-glyceric acid penta(cyclohexylammonium) salt

Cat. No. COEC-080

Lot. No. (See product label)

### Introduction

#### Description

D-Glycerate 2,3-diphosphate (DPG), cofactor of both phosphoglyceric acid mutase and hemoglobin, may be used as a reference compound in analysis of blood cell (erythrocyte) glycolytic cycle metabolites. 2,3-diphosphoglycerate (DPG) may be used as a reference in assays that measure DPG levels to indicate the health status of erythrocytes/red blood cells (RBC).

#### Applications

Used as a reference compound in analysis of blood cell (erythrocyte) glycolytic cycle metabolites

#### Synonyms

D-Glycerate 2,3-diphosphate pentacyclohexylamine salt

### Product Information

#### Appearance

Powder

#### Form

Solid

#### CAS No.

62868-79-5

#### Molecular Formula

C<sub>3</sub>H<sub>8</sub>O<sub>10</sub>P<sub>2</sub>•5C<sub>6</sub>H<sub>13</sub>N

#### Molecular Weight

761.91

#### Purity

≥95%

#### Boiling Point

669.8° C at 760 mmHg (Predicted)

#### Solubility

Soluble in water.