Creative Enzymes®

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) glycolysic 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) glycolysic cycle metabolites
Synonyms	D-Glycerate 2,3-diphosphate pentacyclohexylamine salt

Product Information

Appearance	Powder
Form	Solid
CAS No.	62868-79-5
Molecular Formula	C3H8O10P2•5C6H13N
Molecular Weight	761.91
Purity	≥95%
Boiling Point	669.8° C at 760 mmHg (Predicted)
Solubility	Soluble in water.