

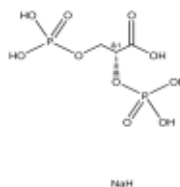
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Product Specification

Product Name:
2,3-Diphospho-D-glyceric acid pentasodium salt - glycolysis metabolite

Product Number: **D5764**
CAS Number: 102783-53-9
MDL: MFCD00070074
Formula: C₃H₃Na₅O₁₀P₂
Formula Weight: 375.95 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
100mg/mL H ₂ O	
Phosphorus (P) anhydrous	13.7 - 17.7 %
Sodium (Na) anhydrous	24.5 - 32.5 %
Proton NMR spectrum	Conforms to Structure
Water (by NMR)	≤ 21.0 %
31P NMR Identity	Conforms to Structure
13C NMR Identity	Conforms to Structure

Specification: PRD.3.ZQ5.10000058516

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

