Creative Enzymes®

# Adenosine 5'-diphosphoribose sodium salt

*Cat. No. CSUB-0748*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Adenosine 5'-diphosphoribose sodium salt (ADP-Ribose) is used as the basic building block used as a substrate in the formation of poly(ADP-ribose) by members of the poly(ADP-ribose) polymerase (PARP) family. Poly(ADP-ribose) formation and degradation are an important components of DNA repair and apoptosis signaling. |
| ***Applications*** | A substrate used in the formation of poly(ADP-ribose) by members of the poly(ADP-ribose) polymerase (PARP) family |
| ***Synonyms*** | ADP-Ribose |

## Product Information

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| ***Form*** | Solid |
| ***CAS No.*** | 68414-18-6 |
| ***Molecular Formula*** | C15H23N5O14P2•xNa |
| ***Molecular Weight*** | 559.32 (non-salt) |
| ***Purity*** | >93% |
| ***Solubility*** | Soluble in water (50 mg/ml). |
| ***Refractive Index*** | 1.83 (Predicted) |

## Storage and Shipping Information

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| ***Storage*** | Store at -20° C |