

## Adenosine 5'-diphosphoribose sodium salt

Cat. No. CSUB-0748

Lot. No. (See product label)

### Introduction

**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

<b>Form</b>	Solid
<b>CAS No.</b>	68414-18-6
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>23</sub> N <sub>5</sub> O <sub>14</sub> P <sub>2</sub> •xNa
<b>Molecular Weight</b>	559.32 (non-salt)
<b>Purity</b>	>93%
<b>Solubility</b>	Soluble in water (50 mg/ml).
<b>Refractive Index</b>	1.83 (Predicted)

### Storage and Shipping Information

**Storage** Store at -20° C