

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

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

Storage

Store at -20° C