

# Adenosine 3',5'-cyclic monophosphate Monosodium salt

Cat. No. COEC-119

Lot. No. (See product label)

## Introduction

### Description

Adenosine-3',5'-cyclic monophosphate (cAMP) is an activator of cyclic-AMP-dependent protein kinase A (PKA). The cAMP/PKA signaling pathway has been shown to inhibit cell proliferation, induce differentiation and lead to apoptosis. Exogenous cAMP plays a role in the spontaneous activity and contraction of the heart muscle.

### Synonyms

Adenosine 3',5'-cyclic monophosphate; cAMP; cAMP Monosodium salt; Adenosine 3',5'-cyclic monophosphate Monosodium salt; cAMP-Na

## Product Information

### Form

Crystalline powder

### Molecular Weight

351.19

### Solubility

Distilled water or dilute buffer

## Storage and Shipping Information

### Storage

Store at -20° C