

## 2'-Deoxycytidine 5'-monophosphate

Cat. No. CSUB-0644

Lot. No. (See product label)

### Introduction

#### Description

2'-Deoxycytidine 5'-monophosphate (dCMP) is used as a substrate of uridine monophosphate (UMP)/cytidine monophosphate (CMP) kinase (EC 2.7.4.4) to form dCDP which upon phosphorylation to dCTP supports DNA biosynthesis.

#### Applications

A substrate of uridine monophosphate (UMP)/cytidine monophosphate (CMP) kinase

### Product Information

<b>Form</b>	Solid
<b>CAS No.</b>	1032-65-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>14</sub> N <sub>3</sub> O <sub>7</sub> P
<b>Molecular Weight</b>	307.2
<b>Substrates</b>	UMP kinase; CMP kinase

### Storage and Shipping Information

<b>Storage</b>	Store at -20° C
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