Creative Enzymes®

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

Form	Solid
CAS No.	1032-65-1
Molecular Formula	C9H14N3O7P
Molecular Weight	307.2
Substrates	UMP kinase; CMP kinase

Storage and Shipping Information

Storage	Store at -20° C