Creative Enzymes®

2'-Deoxyguanosine 5'-monophosphate sodium salt

Cat. No. CSUB-0646

Lot. No. (See product label)

Introduction

Description	2'-Deoxyguanosine 5'-monophosphate sodium salt (dGMP) is converted to dGDP by guanylate kinases. This can be further phosphorylated to form dGTP which supports DNA biosynthesis. Additionally, dGMP can be used to study guanine-based molecules and their physiochemical characteristics.
Applications	Converted to dGTP in physiological systems to support DNA biosynthesis
Synonyms	5'-Deoxyguanylic acid; dGMP

Product Information

Form	Solid
CAS No.	52558-16-4
Molecular Formula	C10H14N5O7P•xNa
Molecular Weight	347.22
Purity	>99%
Substrates	Glycosidase
Refractive Index	1.69 (Predicted)

Storage and Shipping Information

Storage	Store at -20° C