

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