

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	C ₁₀ H ₁₄ N ₅ O ₇ P•xNa
Molecular Weight	347.22
Purity	>99%
Substrates	Glycosidase
Refractive Index	1.69 (Predicted)

Storage and Shipping Information

Storage Store at -20° C