

5'-O-Tritylinosine

Cat. No. CEI-1600

Lot. No. (See product label)

Introduction

Description

KIN-59 is a purine riboside derivative that allosterically inhibits thymidine phosphorylase (TPase; IC₅₀s = 44 and 67 μM for purified E. coli and human enzymes, respectively).

Synonyms

KIN-59

Product Information

Form

A crystalline solid

CAS No.

4152-77-6

Molecular Formula

C₂₉H₂₆N₄O₅

Chemical Name

5'-O-(triphenylmethyl)-inosine

Molecular Weight

510.5

Purity

>98%

Solubility

KIN-59 is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide, which should be purged with an inert gas. The solubility of KIN-59 in these solvents is approximately 0.3, 16, and 5 mg/ml, respectively.

Storage and Shipping Information

Storage

at -20°C 2 years