

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 μ M 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