

## 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  $\mu$ 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** C<sub>29</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub>

**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