

## Inosine

Cat. No. CEGZ-50290

Lot. No. (See product label)

### Introduction

#### Description

Inosine is a naturally occurring purine nucleoside consisting of hypoxanthine linked to a ribose sugar. It appears as a white crystalline powder with a slightly bitter taste, soluble in alkaline solutions and slightly soluble in water and dilute hydrochloric acid. Produced by microbial fermentation, this product complies with the requirements of USP, EP and AJI.

#### Applications

Pharmaceutical raw material (leukopenia, thrombocytopenia, myocardial support); precursor for ATP and ribavirin production; food nutritional fortifier; cell culture media supplement

#### Synonyms

Hypoxanthosine; Hypoxanthine riboside; 9-beta-D-Ribofuranosylhypoxanthine

### Product Information

#### Appearance

White crystalline powder with a slightly bitter taste

#### Form

Powder

#### CAS No.

58-63-9

#### Molecular Formula

C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>5</sub>

#### Molecular Weight

268.23

#### Purity

Pharmaceutical grade (USP/EP/AJI)

#### Notes

For research and development use only.

### Storage and Shipping Information

#### Storage

Store in a tightly closed container in a cool, dry place.