

## IBMX

Cat. No. CEI-0613

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. A nonspecific phosphodiesterase inhibitor (IC50 values are 13, 18, 19, 32 and 50 µM for PDE4, PDE3, PDE1, PDE5 and PDE2 respectively).

**Synonyms** 3-Isobutyl-1-methylxanthine; NSC 165960; SC 2964

### Product Information

**Appearance** Dark blue solid

**CAS No.** 28822-58-4

**Molecular Formula** C<sub>10</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>

**Chemical Name** 3,7-Dihydro-1-methyl-3-(2-methylpropyl)-1H-purine-2,6-dione

**Molecular Weight** 444.48

**Purity** >98%

**Targets** phosphatase

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack