

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 C₁₀H₁₄N₄O₂

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