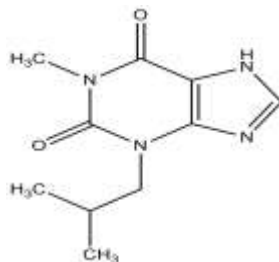


IBMX

CATALOG #: 1714-100

AMOUNT: 100 mg

STRUCTURE:



ALTERNATE NAME: 3-Isobutyl-1-methylxanthine; NSC 165960; SC 2964

MOLECULAR FORMULA: C₁₀H₁₄N₄O₂

MOLECULAR WEIGHT: 222.24

CAS NUMBER: 28822-58-4

APPEARANCE: White solid

SOLUBILITY: DMSO(75 mM) or Ethanol (50 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: Cell-permeable. A nonspecific phosphodiesterase inhibitor (IC₅₀ values are 13, 18, 19, 32 and 50 μ M for PDE4, PDE3, PDE1, PDE5 and PDE2 respectively).

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

- Zaprinast (Cat. No. 1715-25)