

IBMX, GMP Grade

Cat. No. IBMX-20 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IBMX (3-Isobutyl-1-methylxanthine) (GMP) is IBMX produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture.
Description	IBMX is a broad-spectrum phosphodiesterase (PDE) inhibitor
Form	Solid, White to off-white
Target	Phosphodiesterase (PDE)
In Vitro	IBMX (0.5 mM) induces neural-like cells for neural differentiation of cord blood derived mesenchymal-like stem cells. IBMX induces initiation of the differentiation of programpre-adipocytes. IBMX (500 µM) induces neuronal differentiation of small cell lung cancer. IBMX (100 µM) induces differentiation of 3T3-L1 adipocytes. IBMX (500 µM) induces adipose tissue-derived stem cells (ADSC) differentiate into neuron-like cells.
CAS	28822-58-4
Formula	C ₁₀ H ₁₄ N ₄ O ₂
Molecular Mass	222.24
Storage	4 centigrade, sealed storage, away from moisture and light

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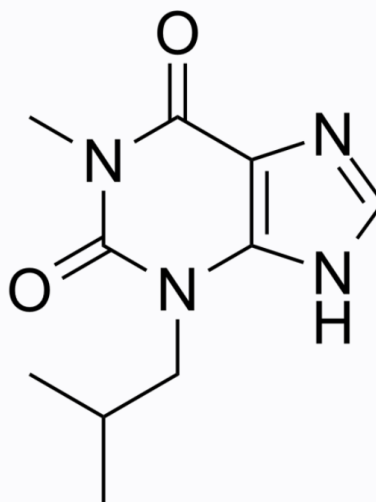
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GENE INFORMATION

Pathway Metabolic Enzyme/Protease

Synonyms IBMX; 3-Isobutyl-1-methylxanthine; Isobutylmethylxanthine

Chemical Structure



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