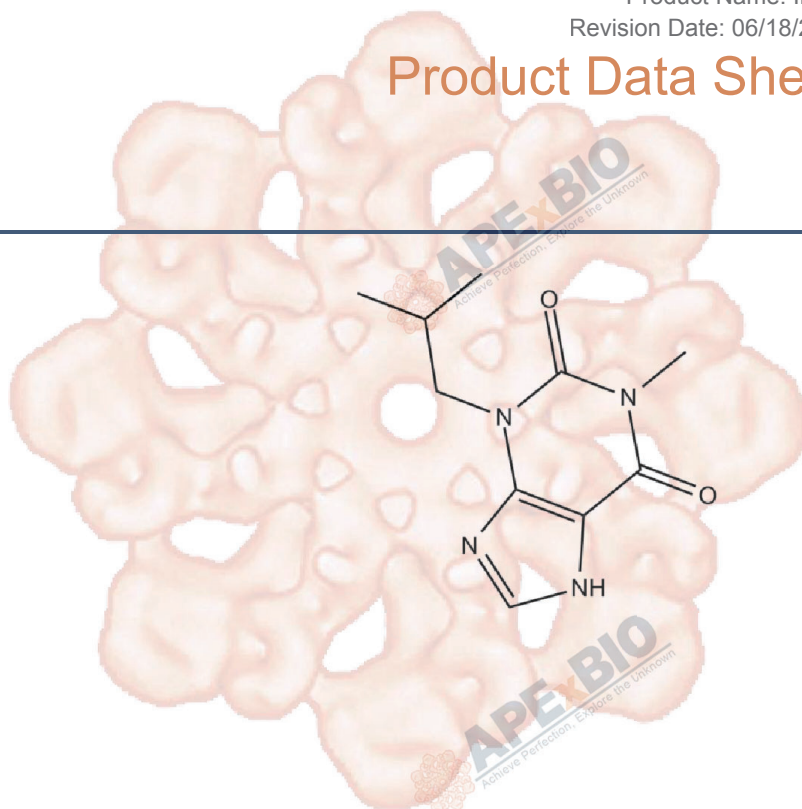


# Product Data Sheet

## IBMX

**Cat. No.:** B7206  
**CAS No.:** 28822-58-4  
**Formula:** C<sub>10</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>  
**M.Wt:** 222.24  
**Synonyms:**  
**Target:** Metabolism  
**Pathway:** PDE  
**Storage:** Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥9.45 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	4.4996 mL	22.4982 mL	44.9964 mL
		5 mM	0.8999 mL	4.4996 mL	8.9993 mL
		10 mM	0.4500 mL	2.2498 mL	4.4996 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

Phosphodiesterase inhibitor

IC<sub>50</sub> & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

## Product Citations

1. Fang YX, Zou Y, et al. "Inc TINCR induced by NOD1 mediates inflammatory response in 3T3-L1 adipocytes." Gene. 2019 May 25;698:150-156. PMID:30851423

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEx BIO Technology**

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