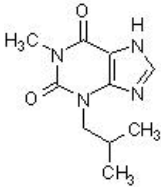


IBMX, Non-specific cAMP and cGMP inhibitor ab120840

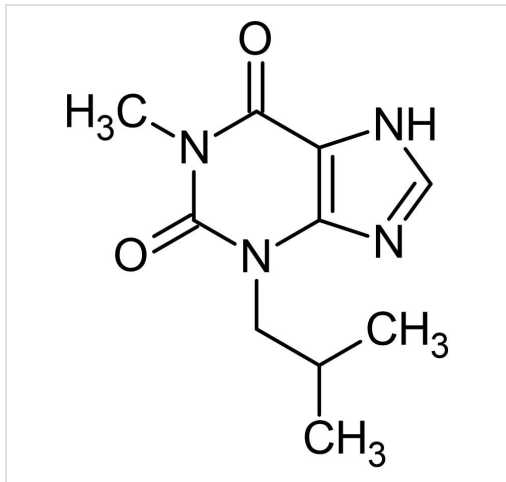
[1 References](#) [2 图像](#)

概述

产品名称	IBMX, Non-specific cAMP and cGMP抑制剂
描述	Non-specific cAMP and cGMP抑制剂
纯度	> 98%
CAS编号	28822-58-4
化学结构	

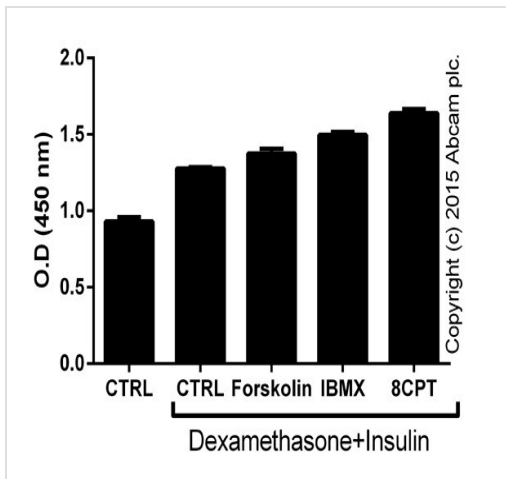
性能

化学名称	1-Methyl-3-(2-methylpropyl)-7H-purine-2,6-dione
分子量	222.24
分子式	C ₁₀ H ₁₄ N ₄ O ₂
PubChem识别号	3758
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 75 mM and in ethanol to 50 mM
处理	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>CC(C)CN1C2=C(C(=O)N(C1=O)C)NC=N2</chem>
来源	Synthetic



2D chemical structure image of ab120840, IBMX, Non-specific cAMP and cGMP inhibitor

Chemical Structure - IBMX, Non-specific cAMP and cGMP inhibitor (ab120840)



1e7 3T3-L1 cells were treated for 15 minutes with 1 μ M dexamethasone ([ab120743](#)) and 1 μ g x mL⁻¹ insulin ([ab123768](#)) with the addition of 50 μ M forskolin ([ab120058](#)), 0.5 mM IBMX ([ab120840](#)) or 0.1 mM 8-CPT-cAMP ([ab120424](#)), extracted according to the protocol. Lysates were diluted 50-fold, and tested in duplicates (+/-SD).

Functional Studies - IBMX, Non-specific cAMP and cGMP inhibitor (ab120840)

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