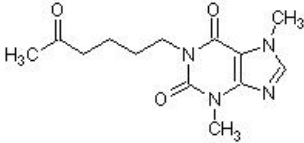


# Pentoxifylline, Phosphodiesterase and cytokine inhibitor ab120725

[2 References](#) [2 图像](#)

### 概述

产品名称	Pentoxifylline, Phosphodiesterase and cytokine抑制剂
描述	Phosphodiesterase抑制剂. Cytokine抑制剂.
生物学描述	Phosphodiesterase inhibitor. Inhibits synthesis of TNF- $\alpha$ . Broad-spectrum inhibitor of cytokines. Displays anti-inflammatory and antinociceptive properties.
纯度	> 99%
CAS编号	6493-05-6
化学结构	

### 性能

化学名称	3,7-Dimethyl-1-(5-oxohexyl)xanthine
分子量	278.31
分子式	C <sub>13</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	<p>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.</p> <p>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
来源	Synthetic

## 应用

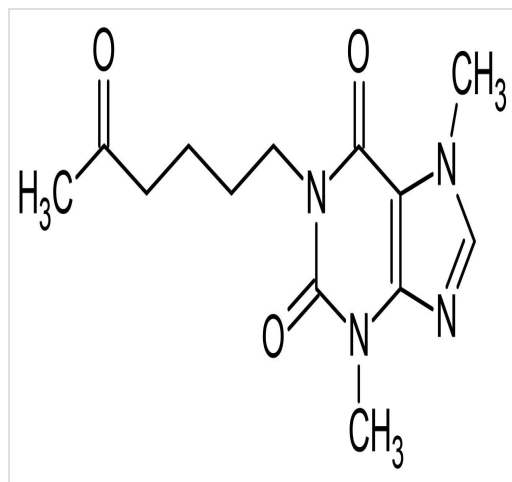
### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab120725 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

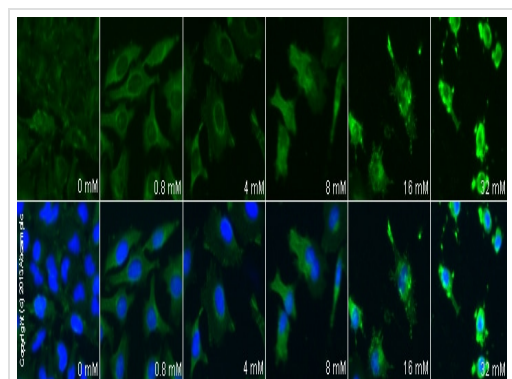
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



Chemical Structure - Pentoxifylline,  
Phosphodiesterase and cytokine inhibitor  
(ab120725)

2D chemical structure image of ab120725, Pentoxifylline,  
Phosphodiesterase and cytokine inhibitor



Immunocytochemistry/ Immunofluorescence -  
Pentoxifylline, Phosphodiesterase and cytokine  
inhibitor (ab120725)

**ab54775** staining annexin V in HeLa cells treated with pentoxifylline (ab120725), by ICC/IF. Increase of annexin V correlates with increased concentration of pentoxifylline, as described in literature. The cells were incubated at 37°C for 24h in media containing different concentrations of ab120725 (pentoxifylline) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab54775** (10 µg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-mouse polyclonal antibody (**ab96879**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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