

# Pentoxifylline, Phosphodiesterase and cytokine inhibitor ab120725

**2 References** [画像数 2](#)

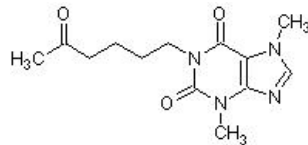
### 製品の概要

製品名	Pentoxifylline, Phosphodiesterase and cytokine inhibitor
製品の詳細	Phosphodiesterase inhibitor. Cytokine inhibitor.
生理活性の詳細	Phosphodiesterase inhibitor. Inhibits synthesis of TNF- $\alpha$ . Broad-spectrum inhibitor of cytokines. Displays anti-inflammatory and antinociceptive properties.

精製度 > 99%

CAS 番号 6493-05-6

構造式



### 製品の特性

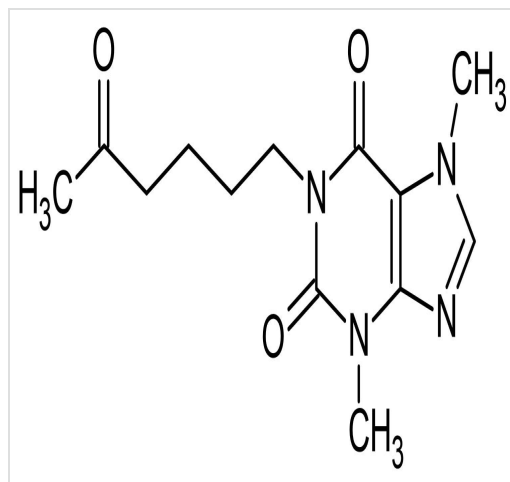
体系名	3,7-Dimethyl-1-(5-oxohexyl)xanthine
分子量	278.31
分子式	C <sub>13</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
保存方法	Store at Room Temperature. The product can be stored for up to 12 months.
溶解性	Soluble in water to 100 mM
使用に関する注意	<p>Wherever possible, you should prepare and use solutions on the 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>
由来	Synthetic

## アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab120725の使用に適用されます**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

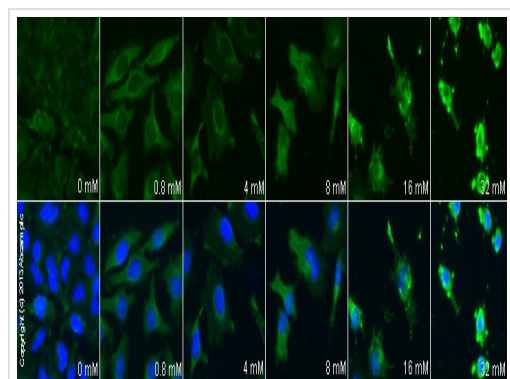
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

## 画像



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

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



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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