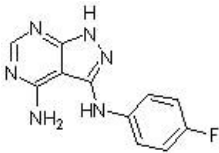


CGP 57380, MNK inhibitor ab120365

2 References **2 图像**

概述

产品名称	CGP 57380, MNK抑制剂
描述	MNK抑制剂
生物学描述	Low-molecular-weight kinase inhibitor of MAP-kinase interacting kinase-1 (MNK1) and MNK2 (IC ₅₀ values are 0.87 and 1.6 μM, respectively). Inhibits a range of other kinases (IC ₅₀ values in μM shown in brackets) including: CKI (0.51) Aurora B (2.5) DYRK3 (3.2) SGK1 (2.7) BRSK2 (1.1) and Lck (2.5).
CAS编号	522629-08-9
化学结构	

性能

化学名称	<i>N</i> ³ -(4-Fluorophenyl)-1 <i>H</i> -pyrazolo-[3,4- <i>d</i>]pyrimidine-3,4-diamine
分子量	244.23
分子式	C ₁₁ H ₉ FN ₆
PubChem识别号	11644425
存放说明	Store at +4°C. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO 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 frequently asked questions (FAQ) page for more details.</p>
SMILES	Fc1ccc(cc1)Nc3nnc2ncnc(N)c23

来源

Synthetic

应用

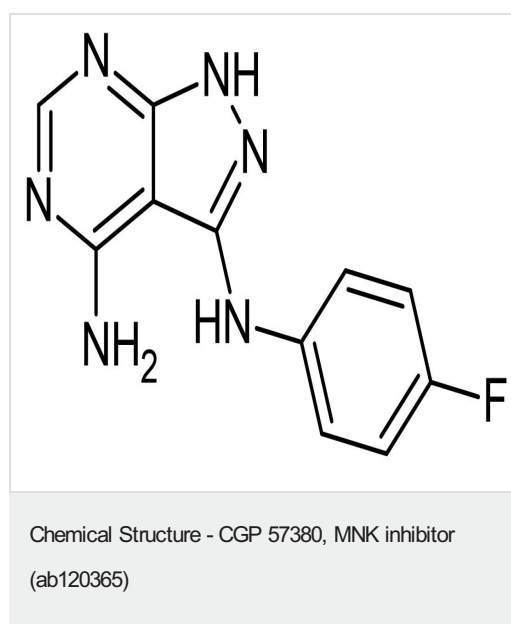
The Abpromise guarantee

Abpromise™承诺保证使用ab120365于以下的经测试应用

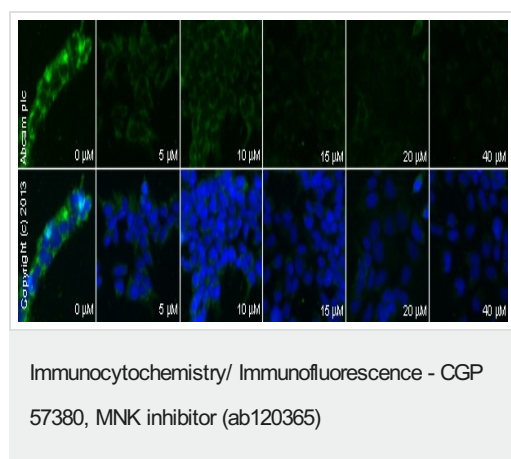
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

图片



2D chemical structure image of ab120365, CGP 57380, MNK inhibitor



ab76256 staining eIF4E (phospho S209) in serum starved HEK193 cells treated with CGP 57380 (ab120365), by ICC/IF. Decrease in eIF4E (phospho S209) expression correlates with increased concentration of CGP 57380, as described in literature.

The cells were incubated at 37°C for 1h in media containing different concentrations of ab120365 (CGP 57380) in DMSO, fixed with 100% methanol for 5 minutes at -20°C 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 **ab76256** (1/100 dilution) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rabbit polyclonal antibody (**ab96899**) 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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