

HA-1077 (Fasudil), ROCK2 inhibitor ab120306

2 图像

概述

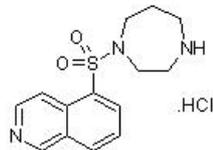
产品名称	HA-1077 (Fasudil), ROCK2抑制剂
描述	ROCK2抑制剂
生物学描述	ROCK2 inhibitor ($IC_{50} = 1.9 \mu M$). Also shown to inhibit PRK2 ($IC_{50} = 4 \mu M$), MSK1 ($IC_{50} = 5 \mu M$), Rsk2 ($IC_{50} = 15 \mu M$), PKA, p70 S6 Kinase, CaM Kinase and MLCK. Calcium antagonist and vasodilator.

Also available in simple stock solutions ([ab146700](#)) - add 1 ml of water to get an exact, ready-to-use concentration.

纯度 > 98%

CAS编号 105628-07-7

化学结构



性能

化学名称	5-(1,4-diazepan-1-ylsulfonyl)isoquinoline;hydrochloride
分子量	327.80
分子式	$C_{14}H_{18}ClN_3O_2S$
PubChem识别号	163751
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	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 $-20^{\circ}C$. 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. Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

Cl.O=S(=O)(c2cccc1cnccc12)N3CCCNCC3

来源

Synthetic

应用

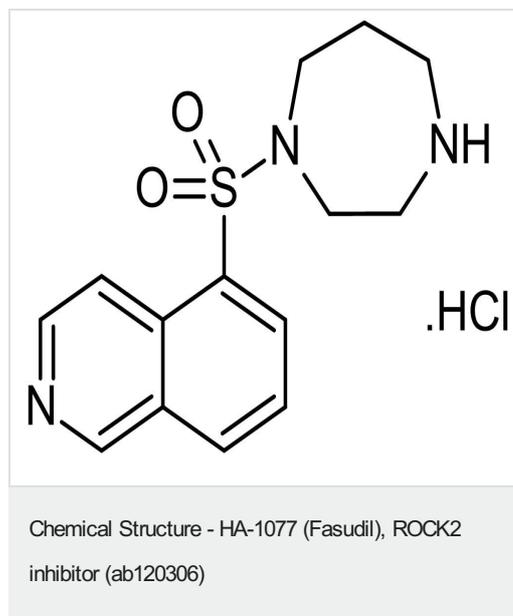
The Abpromise guarantee

Abpromise™承诺保证使用ab120306于以下的经测试应用

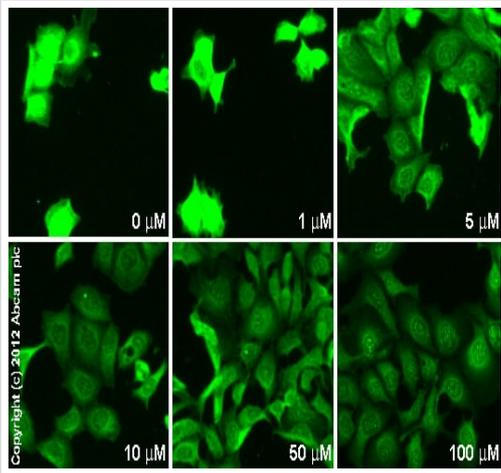
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

图片



2D chemical structure image of ab120306, HA-1077 (Fasudil), ROCK2 inhibitor



Functional Studies - HA-1077 (Fasudil), ROCK2 inhibitor (ab120306)

ab46154 staining VEGF in MCF7 cells treated with HA 1077 (ab120306), by ICC/IF. Decrease in VEGF expression correlates with increased concentration of HA 1077 as described in literature. The cells were incubated at 37°C for 1h in media containing different concentrations of ab120306 (HA 1077) 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 **ab46154** (5 μg/ml) 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.

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

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