

HA-1077 (Fasudil), ROCK2 inhibitor ab120306

画像数 2

製品の概要

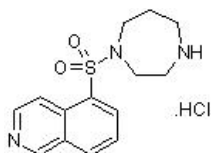
製品名	HA-1077 (Fasudil), ROCK2 inhibitor
製品の詳細	ROCK2 inhibitor
生理活性の詳細	ROCK2 inhibitor (IC_{50} = 1.9 μ M). Also shown to inhibit PRK2 (IC_{50} = 4 μ M), MSK1 (IC_{50} = 5 μ M), Rsk2 (IC_{50} = 15 μ M), PKA, p70 S6 Kinase, CaM Kinase and MLCK. Calcium antagonist and vasodilator.

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

精製度 > 98%

CAS 番号 105628-07-7

構造式



製品の特性

体系名	5-(1,4-diazepan-1-ylsulfonyl)isoquinoline;hydrochloride
分子量	327.80
分子式	$C_{14}H_{18}ClN_3O_2S$
PubChem 登録番号	163751
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	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. 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 線形表記

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

由来

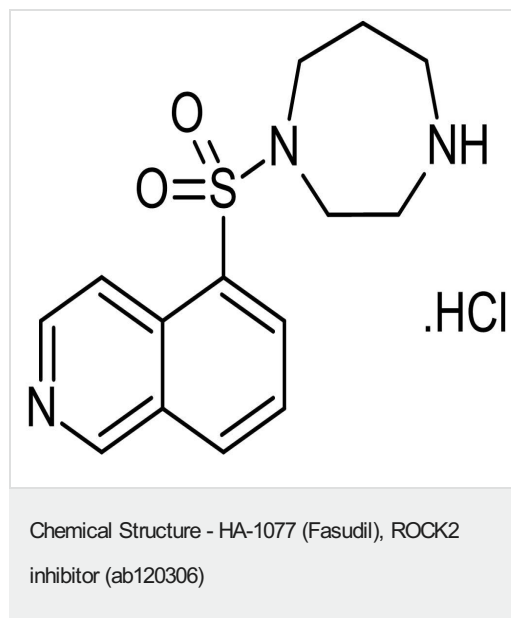
Synthetic

アプリケーション

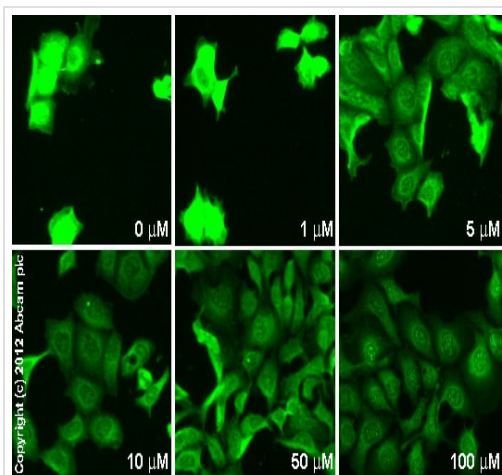
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab120306の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 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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