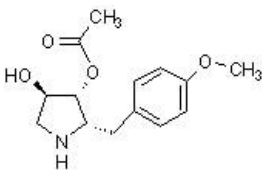


Anisomycin, Protein synthesis inhibitor ab120495

4 References **2 图像**

概述

产品名称	Anisomycin,蛋白synthesis抑制剂
描述	蛋白synthesis抑制剂
生物学描述	Translational inhibitor of protein synthesis. Highly potent activator of kinase cascades. Potently activates stress-activated protein kinases, p38, JNK MAP and other kinases.
纯度	> 98%
CAS编号	22862-76-6
化学结构	

性能

化学名称	(2R,3S,4S)-2-(4-Methoxybenzyl)-3,4-pyrrolidinediol-3-acetate
分子量	265.31
分子式	C ₁₄ H ₁₉ NO ₄
PubChem识别号	31549
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol 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	<chem>CC(=O)O[C@@H]2[C@H](Cc1ccc(OC)cc1)NC[C@H]2O</chem>

来源

Streptomyces griseolus

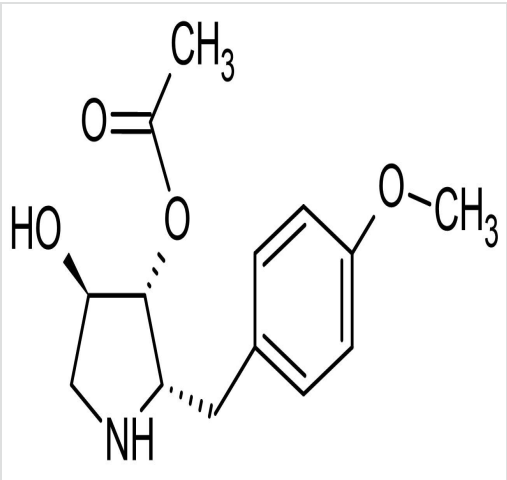
应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab120495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。

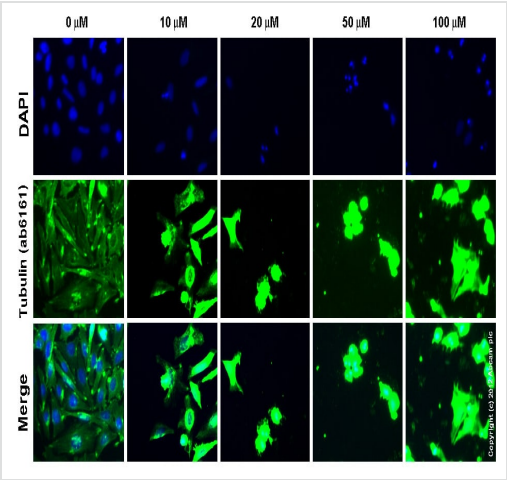
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



Chemical Structure - Anisomycin, Protein synthesis inhibitor (ab120495)

2D chemical structure image of ab120495, Anisomycin, Protein synthesis inhibitor



Immunocytochemistry/ Immunofluorescence - Anisomycin, Protein synthesis inhibitor (ab120495)

ab6161 staining tubulin HeLa cells treated with anisomycin (ab120495), by ICC/IF. Increase in tubulin expression correlates with increased concentration of anisomycin as described in literature.

The cells were incubated at 37°C for 6h in media containing different concentrations of ab120495 (anisomycin) 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 **ab6161** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rat polyclonal antibody (**ab98386**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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