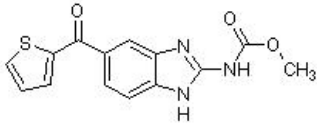


Nocodazole, Microtubule inhibitor ab120630

[13 References](#) [3 图像](#)

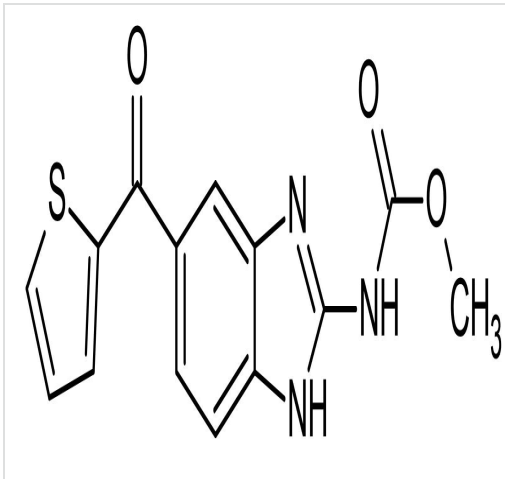
概述

产品名称	Nocodazole, Microtubule抑制剂
描述	Microtubule抑制剂
纯度	> 98%
CAS编号	31430-18-9
化学结构	

性能

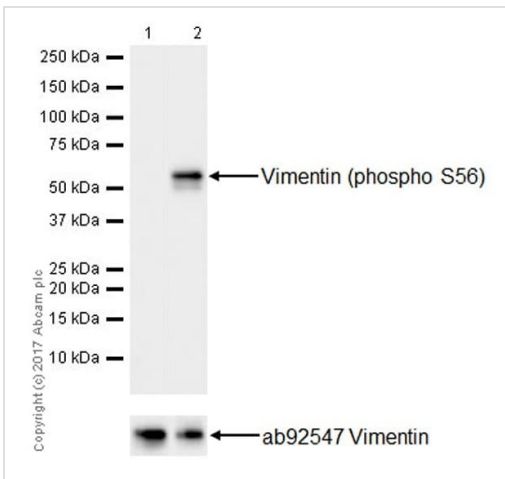
化学名称	Methyl [5-(2-thienylcarbonyl)-1 <i>H</i> -benzimidazol-2-yl]carbamate
分子量	301.32
分子式	C ₁₄ H ₁₁ N ₃ O ₃ S
PubChem识别号	4122
存放说明	Store at +4°C. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 50 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. 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>Toxic, 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>COC(=O)NC1=NC2=C(N1)C=C(C=C2)C(=O)C3=CC=CS3</chem>
来源	Synthetic

图片



Chemical Structure - Nocodazole, Microtubule inhibitor (ab120630)

2D chemical structure image of ab120630, Nocodazole, Microtubule inhibitor



Western blot - Nocodazole, Microtubule inhibitor (ab120630)

All lanes : Anti-Vimentin (phospho S56) antibody [EPR21084] ([ab217673](#)) at 1/1000 dilution

Lane 1 : Untreated HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) treated with 100 ng/ml nocodazole (ab120630) for 18 hours, whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

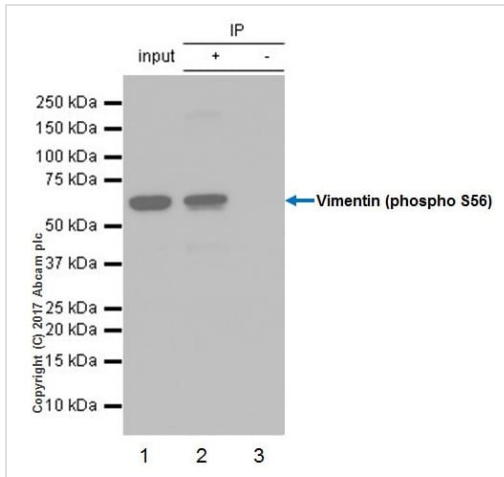
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Developed using the ECL technique.

Observed band size: 57 kDa

Exposure time: 23 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



Immunoprecipitation - Nocodazole, Microtubule inhibitor (ab120630)

Vimentin (phospho S56) was immunoprecipitated from 0.35 mg of HeLa (human epithelial cell line from cervix adenocarcinoma) treated with 100 ng/ml nocodazole (ab120630) for 18 hours, whole cell lysate with **ab217673** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab217673** at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10,000 dilution.

Lane 1: HeLa treated with 100 ng/ml nocodazole (ab120630) for 18 hours, whole cell lysate 10 µg (Input).

Lane 2: **ab217673** IP in HeLa treated with 100 ng/ml nocodazole (ab120630) for 18 hours, whole cell lysate.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab217673** in HeLa treated with 100 ng/ml nocodazole (ab120630) for 18 hours, whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDN/TBST.

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