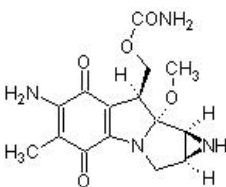


# Mitomycin C (MMC), Anticancer and antibiotic agent ab120797

★★★★★ [1 Abreviews](#) [7 References](#) [2 图像](#)

### 概述

产品名称	Mitomycin C (MMC), Anticancer and antibiotic agent
描述	Anticancer and antibiotic agent
纯度	> 99%
CAS编号	50-07-7
化学结构	

### 性能

化学名称	(1a <i>S</i> ,8 <i>S</i> ,8a <i>R</i> ,8b <i>S</i> )-6-Amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methylazirino[2',3':3,4]pyrrolo[1,2- <i>a</i> ]indole-4,7-dione
分子量	334.33
分子式	C <sub>15</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>
PubChem识别号	5746
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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES	<chem>CC1=C(C(=O)C2=C(C1=O)N3C[C@H]4[C@@H]([C@@]3([C@@H]2COC(=O)N)OC)N4)N</chem>
来源	<i>Streptomyces</i> sp.

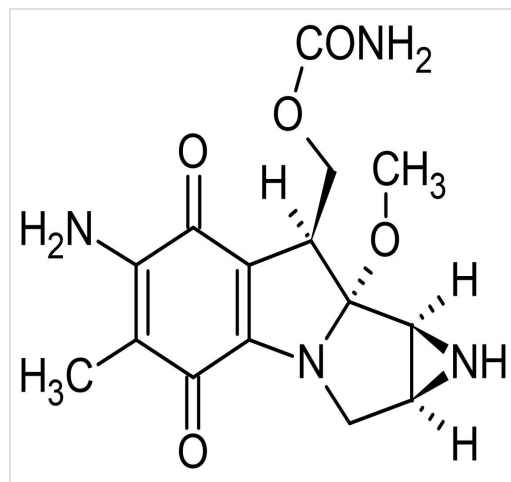
## The Abpromise guarantee

Abpromise™承诺保证使用ab120797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。

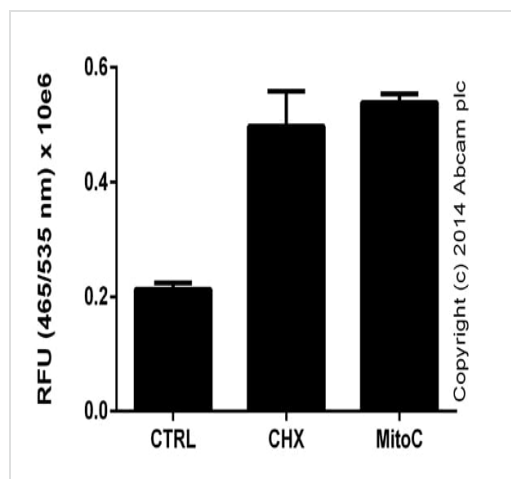
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



Chemical Structure - Mitomycin C (MMC),  
Anticancer and antibiotic agent (ab120797)

2D chemical structure image of ab120797, Mitomycin C (MMC),  
Anticancer and antibiotic agent



Functional Studies - Mitomycin C (MMC),  
Anticancer and antibiotic agent (ab120797)

### Functional assays: Caspase 8 (active) FITC Staining Kit (ab65614)

Active caspase 8 in control Jurkat cells (10e6/mL) or cells treated for five hours with 10 ug/mL Cyclohexamide (CHX) ([ab120093](#)) or four hours with 25 ug/mL Mitomycin C (MitoC) (ab120797).

Background signal subtracted, duplicates; +/- SD.

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

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