

Product datasheet

Mitomycin C (MMC) ab120797

1 图像

概述

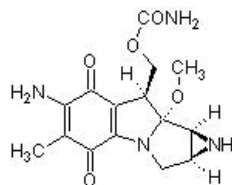
产品名称	Mitomycin C (MMC)
描述	Anticancer and antibiotic agent
生物学描述	Anticancer and antibiotic agent. Crosslinks DNA. Inhibits DNA synthesis and nuclear division. Also induces apoptosis.
纯度	> 99%

性能

化学名称 (1a*S*,8*S*,8a*R*,8b*S*)-6-Amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methylazirino[2',3':3,4]pyrrolo[1,2-*a*]indole-4,7-dione

分子量 334.33

化学结构



分子式 C₁₅H₁₈N₄O₅

CAS编号 50-07-7

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 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.

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

来源 *Streptomyces* sp.

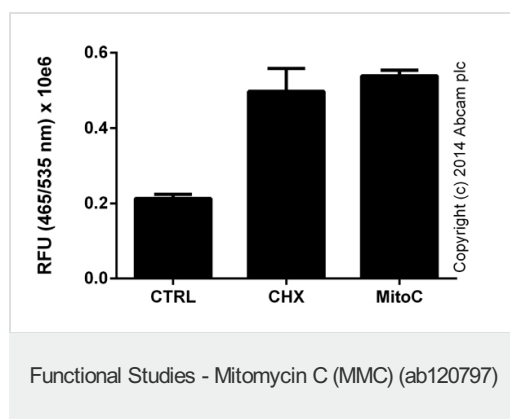
应用

Our [Abpromise guarantee](#) covers the use of **ab120797** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

图片



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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team