

Mitomycin C (MMC), Anticancer and antibiotic agent ab120797

★★★★★ [1 Abreviews](#) [7 References](#) [画像数 2](#)

製品の概要

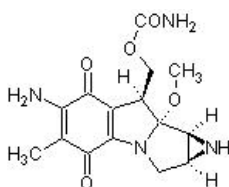
製品名 Mitomycin C (MMC), Anticancer and antibiotic agent

製品の詳細 Anticancer and antibiotic agent

精製度 > 99%

CAS 番号 50-07-7

構造式



製品の特性

体系名 (1a*S*,8*S*,8a*R*,8b*S*)-6-Amino-8-[[[(aminocarbonyl)oxy]methyl]-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

分子式 C₁₅H₁₈N₄O₅

PubChem 登録番号 5746

保存方法 Store at +4°C. The product can be stored for up to 12 months.

溶解性 Soluble in DMSO 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.

Toxic, 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.

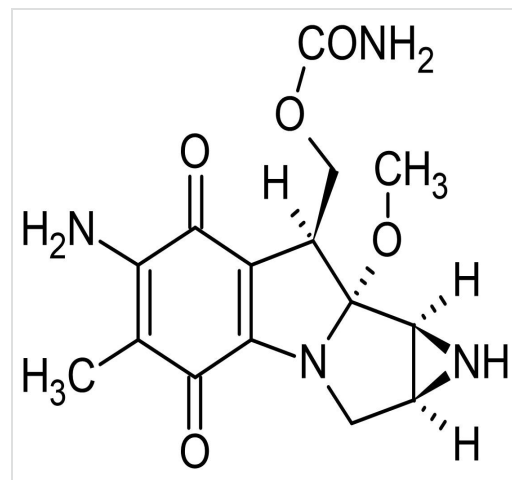
SMILES 線形表記 CC1=C(C(=O)C2=C(C1=O)N3C[C@H]4[C@@H]([C@@]3([C@@H]2COC(=O)N)OC)N4)N

由来 *Streptomyces* sp.

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ab120797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確認ください。

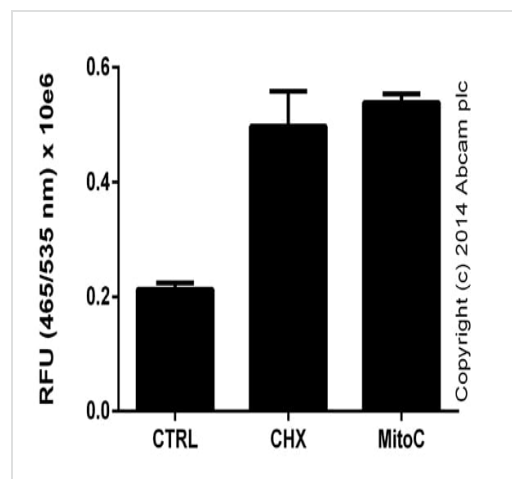
アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



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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