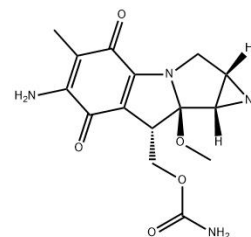


## Technical Data Sheet

### Mitomycin C

#### Compound Information

<b>Product Name:</b>	Mitomycin C
<b>CAS No.:</b>	50-07-7
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>18</sub> N <sub>4</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	334.33
<b>Storage:</b>	Store at 0 -8 °C
<b>Revision Date:</b>	2026-04-15



#### Analytical Information

Tests	Specifications
Appearance	Blue purple crystal powder
Solubility	H <sub>2</sub> O: 4 mL/vial Stock solutions should be filter sterilized and stored at 2-8 °C in the dark., clear to slightly hazy, blue to purple
Crystallinity	To pass test
Water Content (Karl Fisher)	≤ 2.5%
pH	pH (0.5 g/l, 25°C : )5.0~7.0
Residual Solvents	Acetone : ≤ 1000 ppm, Methanol : ≤ 3000 ppm, Ethyl ether : ≤ 1000 ppm, Dichloromethane : ≤ 100 ppm
Related Substances	Impurity A : ≤ 0.5%, Mitomycin A : ≤ 0.5%, Mitomycin B : ≤ 0.5%, Albomitomycin C : ≤ 0.5%, Total impurities : ≤ 2%, Any other unknown impurity : ≤ 0.5%
Purity	≥ 970 ug/mg (On dry basis)
Specification Reference	suitable for cell culture
Additional Information	Identification : To pass test, For Laboratory Use Only
<a href="#">MS</a>	Pass test
<a href="#"><sup>1</sup>H NMR</a>	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.