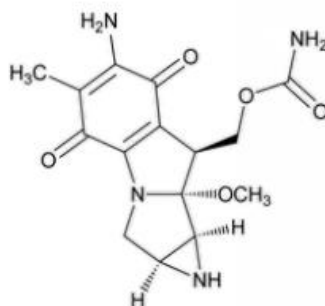


Batch no 20260415
Mf date Apr 15 2026
Retest Apr 14 2030
Batch size 350 gr

Molecular Structure



Molecular Formula $C_{15}H_{18}N_4O_5$
Molecular Weight 334.33
CAS Registry Number 50-07-7

Jul 06 2026

Tests	Specifications	Results
Appearance	Violet-blue crystal	Conforms
Solubility	Very slightly soluble in water and ethanol, practically insoluble in ether	Conforms
Identification	IR, HPLC	Positive
pH	6.0 ~ 7.5	7.3
Water	≤ 2.5%	1.1%
Related substances	Albomitomycin C (EP impurity D)	≤ 0.5% 0.01%
	Mitomycin B (EP impurity C)	≤ 0.5% 0.03%
	Cinnamamide (EP impurity A)	≤ 0.5% 0.03%
	Mitomycin A (EP impurity B)	≤ 0.5% 0.02%
	Any individual (unspecified impurity)	≤ 0.5% 0.03%
	Total impurities	≤ 2.0% 0.18%
Residual solvents	Methanol	≤ 3000 ppm 550 ppm
	Methyl chloride	≤ 600 ppm ND
	Ethyl acetate	≤ 5000 ppm ND
Bacterial endotoxins	≤ 10.0 EU/mg	Conforms
Assay	≥ 970 mg/gr of Mitomycin	985 mg/gr

Packaging & storage	Preserve in tight, light-resistant containers.
Conclusion	Material complies with USP2023 & EP10