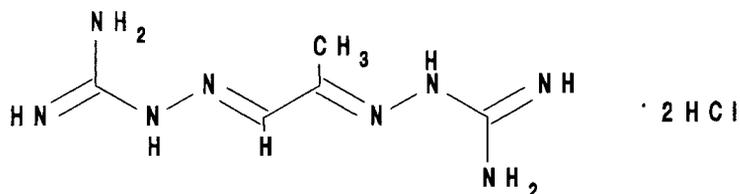


MITOGUAZONE

NSC - 32946



Chemical Name: 2,2'-(1-methyl-1,2-ethanedithione)-bis(hydrazinecarboximidamide), dihydrochloride

Other Names: Methyl GAG, Methylglyoxal Bisguanylhydrazone Dihydrochloride, MGBG, Methyl-G

CAS Registry Number: 7059-23-6

Molecular Formula: C₅H₁₂N₈ · 2HCl

M.W.: 257.2

How Supplied: Sterile, 1.0 gm, vial: each 30 mL flint vial contains 1.0 gm of mitoguazone dihydrochloride in lyophilized form.

Solution Preparation: 1.0 gm/vial: When constituted with 9.3 mL of 0.9% Sodium Chloride Injection, USP, each milliliter contains 100 mg of mitoguazone dihydrochloride at pH 3.0 to 5.0.

Storage: Store the intact vials at room temperature.

Stability: When stored at room temperature, intact vials of mitoguazone dihydrochloride are stable for at least 4 years.

Constitution with 0.9% Sodium Chloride Injection, USP, as directed results in a solution which shows no decomposition in 48 hours either under refrigeration (2-8 °C) or at room temperature (22-25 °C).

Further dilution to a concentration of 2 mg/mL in 5% Dextrose in 0.9% Sodium Chloride Injection, USP, also results in a physically and chemically stable solution. No detectable decomposition occurs in 7 days either under refrigeration or at room temperature. The presence of ambient light does not affect the stability of mitoguazone dihydrochloride.

CAUTION: The single-use lyophilized dosage form contains no antibacterial preservatives. Therefore, it is advised that the constituted product be discarded within 8 hours of initial entry.

Route of Administration: Intravenous