

Topotecan

Usual Diluents

NS, D5W

Reconstitution

Each 4-mg vial of Topotecan is reconstituted with 4 mL Sterile Water for Injection. Then the appropriate volume of the reconstituted solution is diluted in either 0.9% Sodium Chloride Intravenous Infusion or 5% Dextrose Intravenous Infusion prior to administration

Standard Dilution [Amount of drug] [Infusion volume] [Infusion rate]

Add reconstituted solution to **50** - 100 ml D5W or NS.

Usual final concentration: 0.01 - 0.5 mg/ml.

Administration: Give by intravenous infusion over 30 minutes or by 24 hour continuous infusion .

Stability / Miscellaneous

Lyophilized powder: Store intact vials at room temperature of 20°C to 25°C (68°F to 77°F). Protect from light. Reconstituted solution is stable for up to 28 days at room temperature of 20°C to 25°C (68°F to 77°F), although the manufacturer recommends use immediately after reconstitution. Further dilute in 50-100 mL D₅W or NS. This solution is stable for 24 hours at room temperature (manufacturer recommendation) or up to 7 days under refrigeration (Craig, 1997).