

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Topotecan (alternate)	Dosage Form:	Solution
Concentration:	0.05 mg/mL	Shelf Life:	7 days
Route:	Oral	Storage:	Refrigerate
Volume:	30 mL	Auxiliary Labeling:	Refrigerate; Protect from Light; Chemotherapy

Ingredients	QS	Quantity	Units
Topotecan 4 mg Injection		1.5 (1.5)	mg (mL)
0.9% NaCl Injection		28.5 mL	

Directions:

1. Use Phaseal to prepare stock vial
2. Dilute topotecan 4 mg injection with 4 mL of sterile water, per package insert, to form a 1 mg/mL concentration
3. Draw up 28.5 mL of normal saline
4. Inject normal saline into an empty sterile 30 mL vial
5. Add topotecan to the sterile vial, mix solution gently
6. Draw up 30 mL from the vial via Phaseal and transfer to 2 ounce amber bottle
7. Add bottle adapter for oral syringe use

Notes:

- Compound in chemotherapy hood only. Avoid skin contact or inhalation. Wear gloves and mask. Handle and dispose of as chemotherapy agent.

References:

- United States Pharmacopeia, USP 36-NF 31, General Chapter <795>, Pharmaceutical Compounding – Non-sterile Preparations.

Reviewed: June 2013; ME/SC

The information provided on this site is only to be used for educational and informational purposes only. It may not be relied upon to direct or provide care to a patient, or to prepare treatments for a patient. This material is not intended as a substitute for retaining and consulting appropriate medical and health care professionals, who remain solely responsible to provide and direct patient care. Be aware that the information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professionals or pharmacists, and may require governmental approvals. The owner and provider of this site disclaims and assumes no liability for any injury and/or damage to persons from use of any information contained on this site.