

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name:	Isradipine	Dosage Form:	Suspension
Concentration:	1 mg/mL	Shelf Life:	35 days
Route:	oral	Storage:	Refrigerate
Volume:	120 mL	Auxiliary Labeling:	Shake well

Ingredients	QS	Quantity	Units
Isradipine 5 mg capsules		24	capsules
Glycerin USP	X		drops
Simple Syrup, USP	X	120	mL

Directions:

1. Empty capsules into glass mortar and grind into a fine powder.
2. Wet the powder with the smallest amount of glycerin possible forming a smooth uniform paste.
3. Add a small amount of syrup and mix well.
4. Continue adding syrup geometrically until almost final volume, mixing well.
5. Rinse mortar with syrup and add rinse to graduate.
6. Add QS of syrup to final volume (120 mL) and dispense in an amber glass vial.

Notes:

- Must mix and dispense in glass.

References:

- MacDonald JL, Johnson CE, Jacobson P. Stability of isradipine in an extemporaneously compounded oral liquid. *Am J Hosp Pharm.* 1994;51:2409-2411.
- Jew RK, Soo-Hoo W, Erush SC. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2010.

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