

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Tiagabine

Concentration: 1 mg/mL

Route: Oral

Volume: 120 mL

Dosage Form: Suspension

Shelf Life: 91 days

Storage: refrigerate

Auxiliary Labeling: shake well before use; refrigerate

Ingredients	QS	Quantity	Units
Tiagabine 12-mg tablet		10	tablet
Ora-Sweet/Ora-Plus*	Y	qs ad 120	mL

Directions:

1. Triturate tablets to a fine powder in a mortar and pestle.
2. Levigate with a small amount of base solution to form a paste.
3. Add base solution in increasing amounts while mixing thoroughly.
4. Transfer contents of the mortar to a graduated cylinder.
5. Rinse the mortar and pestle with base solution and pour into graduated cylinder.
6. Add base solution to the graduated cylinder to achieve the total volume indicated above.
7. Transfer contents of the graduated cylinder into an appropriate size plastic amber bottle.
8. Shake well to mix.

Notes:

- *Mix 60 mL of Ora-Plus with 60 mL of Ora-Sweet. Use mixture as base solution. Expiration date of 70 days when stored at room temperature.
- Alternatives: May substitute base solution with 17 mL Methylcellulose 1% mixed with 103 mL Simple Syrup NF with an expiration date of 91 days refrigerated and 42 days when stored at room temperature.

References:

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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