

# Michigan Collaborative Standardization of Compounded Oral Liquids

**Drug name:** Valacyclovir

**Concentration:** 50 mg/mL

**Route:** Oral

**Volume:** 180 mL

**Dosage Form:** Suspension

**Shelf Life:** 21 days

**Storage:** refrigerate

**Auxiliary Labeling:** shake well before use; refrigerate

Ingredients	QS	Quantity	Units
Valacyclovir 500-mg tablets		18	tablet
Ora-Plus		40	mL
Ora-Sweet	Y	qs ad 180	mL

## Directions:

1. Triturate tablets to a fine powder in a mortar and pestle.
2. Levigate with Ora-Plus 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 glass amber bottle.
8. Shake well to mix.

## Notes:

- Alternatives: May substitute base solution with Ora-Sweet SF or Syrpalta. It is not necessary to use Ora-Plus if Syrpalta is used as base solution. Suspension made from Syrpalta has an expiration date of 35 days under refrigeration.

## References:

- Fish DN, Vidaurri VA, Deeter RG. Stability of valacyclovir hydrochloride in extemporaneously prepared oral liquids. *Am J Health-Syst Pharm.* 1999;56:1957-1960.
- Jew RK, Soo-Hoo W, Erush SC. *Extemporaneous Formulations for Pediatric, Geriatric, and Special Needs Patients.* 2<sup>nd</sup> ed. Bethesda, MD: American Society of Health-System Pharmacists; 2010.

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