

Valacyclovir Hydrochloride Suspension 50 mg/mL*

INGREDIENTS:

Valacyclovir hydrochloride 500 mg tablet	18 tablets
Ora-Plus	40 mL
Ora-Sweet	QSAD: 180 mL

EQUIPMENT AND SUPPLIES:

Powder containment hood, porcelain mortar and pestle, graduated cylinder

PREPARATION DETAILS:

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

Alternatives — May substitute vehicle with Ora-Sweet SF or Syrpalta. It is not necessary to use Ora-Plus if Syrpalta is used as vehicle. Suspension made from Syrpalta is stable for 35 days when refrigerated.

Quality-Control Procedures — Visually inspect for physical appearance of formulation and container closure integrity (no leakage, cracks in container, or improper seals).

Labeling Requirements — Extemporaneously compounded preparation. For oral use only. Store in refrigerator. Shake well before use.

Storage Conditions/Stability — Refrigerate. Stable for 21 days.

STABILITY STUDY DETAILS:

Study Container Type — Amber glass bottle

Referenced Manufacturers — Valacyclovir hydrochloride caplets (Glaxo Wellcome, Inc); Ora-Plus, Ora-Sweet, Ora-Sweet SF (Paddock Laboratories, LLC); Syrpalta syrup (Humco).

Stability-Indicating Study — Yes

REFERENCE

1. Fish DN, Vidaurri VA, Deeter RG. Stability of valacyclovir hydrochloride in extemporaneously prepared oral liquids. *Am J Health Syst Pharm.* 1999;56:1957-1960.