

## Michigan Collaborative Standardization of Compounded Oral Liquids

**Drug name:** Procainamide

**Concentration:** 50 mg/mL

**Route:** Oral

**Volume:** 120 mL

**Dosage Form:** Suspension

**Shelf Life:** 60 days

**Storage:** Refrigerate (preferable)  
or room temperature

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

Ingredients	QS	Quantity	Units
Procainamide hydrochloride capsules – 250 mg		24	capsule
Ora-Plus: Ora-Sweet (1:1) or Ora-Plus: Ora-Sweet SF (1:1)	Y	qs 120	mL

### Directions:

1. Open capsules and place the powder into a mortar.
2. Reduce to a fine powder.
3. Add 60 mL of Ora-Plus to 60 mL of Ora-Sweet (or Ora-Sweet SF) to make vehicle solution; shake well before use.
4. Add ~20 mL of vehicle and levigate to a uniform paste.
5. Add vehicle in geometric proportions almost to volume, mixing thoroughly after each addition, and transfer to a graduate graduated cylinder.
6. Rinse the mortar and pestle with vehicle, add to the graduated cylinder, and qs to 120 mL using vehicle.

### Notes:

- In this study, the formulation was stored in amber clear plastic (polyethylene terephthalate) prescription ovals.

### References:

Nahata MC, Pai VB. Pediatric Drug Formulations. 6<sup>th</sup> ed. Harvey Whitney Books. Cincinnati, OH, 2011.

Reviewed: April 2013; BW/ME

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.