



TACROLimus

0.5mg/mL Oral Suspension

Last updated: May 2017

Batch No: _____

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Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
TACROLimus 5mg capsules IMMEDIATE RELEASE*	Astellas			24		
Ora-Plus®	Perrigo			120 mL		
Simple Syrup BP/NF/USP	Medisca			120 mL		
Ora-Plus® & Simple Syrup combination	SickKids			qs 240 mL		

* Do not substitute with 1mg capsules – only use 5mg IMMEDIATE RELEASE capsules

Equipment

- Glass mortar and pestle
- Glass stirring rod
- 250mL amber glass or PET bottle*
- Graduated measures
- Mask
- Shrink seal
- Gloves

*PVC plastic may adsorb the drug and consequently cause a decrease of concentration of TACROLimus in the suspension

✓ **Procedure* MUST WEAR GLOVES/MASK AND MAKE IN A SAFETY HOOD. FOLLOW PHARMACY PROCEDURES TO COMPOUND HAZARDOUS ORAL SUSPENSIONS.**

1. ONLY MAKE A MAXIMUM OF 240 ML PER BATCH. If need 480 mL, make 2 separate batches.
2. Open each capsule and place contents in a glass mortar.
3. Mix 120mL Ora-Plus and 120mL Simple Syrup BP and stir well. (Do not add one vehicle to powder and then other. Ensure vehicles mixed together and stirred well first and before using)
4. Wet the powder with the vehicle and triturate to a fine paste. Ensure there are no lumps.
5. Add more vehicle until a liquid is formed.
6. Transfer to a graduate. Rinse out mortar with vehicle (2-3 times) to ensure all drug is transferred.
7. Make up to final volume. Stir very well, then immediately pour into 2 x 120 mL bottles. Do not let sit as it could settle out.
8. Label. Highlight shake very well on label.
9. Product is a slightly milky white suspension.

Primary Reference: Jacobson PA, Johnson CE, West NJ, Foster JA. Stability of Tacrolimus in an extemporaneously compounded oral liquid. Am J Health-Syst Pharm. 1997;54:178-80.

Storage: Room Temperature in **amber glass** or **PET** bottle (NOT PVC). **BUD:** 56 days
(SK only uses glass bottles)

Sample Label:

	TACROLimus 0.5 mg/mL ORAL SUSPENSION
	L# _____ EXP: _____
	ROOM TEMPERATURE SHAKE WELL
	HAZARDOUS DRUG

Date and Signature for Final Check: _____