SickKids®
THE HOSPITAL FOR SICK CHILDREN
Department of Pharmacy

TACROlimus 0.5 mg/mL Oral Suspension

Batch No: _____

Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
TACROlimus Immediate release 5 mg capsules	Astellas			24		
ORA-Plus	Perrigo			120 mL		
Simple Syrup BP/NF/USP	Medisca			120 mL		
Ora-Plus & Simple Syrup combination	SK Pharmacy			q.s.240 mL		

Additional Information:

Equipment:

mortar and pestle
graduated measure
glass stirring rod

Procedure:

Follow your Dept. procedures for risk assessment/training/PPE/equipment/facilities/NAPRA level

1. Measure 120 mL of ORA-Plus and 120 mL of Simple syrup into a 250 mL graduate and stir well. Stir well again before triturating and final q.s. as it settles out.
2. Empty contents of capsules into the mortar.
3. Add a small amount of vehicle mixture to powder and levigate into a smooth paste with a pestle. Continue to levigate as vehicle is added in small amounts until a liquid is formed.
4. Transfer liquid contents from mortar to graduate.
5. Use a small amount of vehicle to rinse mortar and add it to graduate.
6. Use vehicle to q.s. to the final volume. Stir well.
7. Transfer to amber bottle.

Quality Control:

Expected Product Appearance	Additional Notes
White suspension	

Storage:	Room temperature
Packaging:	Amber glass/plastic **PET** bottles
BUD:	56 days

Sample Label:

SickKids® THE HOSPITAL FOR SICK CHILDREN Department of Pharmacy	TACROlimus 0.5 mg/mL Oral Suspension Lot: BUD: Room Temperature Shake Well Hazardous drug

Date Made/Prepared By/Checked By: _____

Reference:

1. Jacobson PA et al. Stability of tacrolimus in an extemporaneously compounded oral liquid. Am J Health-Syst Pharm. 1997;54:178-80

Formulation Reviewed: October, 2020

Disclaimer: The information in this compounding and preparation worksheet was developed for in-house use only by The Hospital for Sick Children ("SickKids") and its staff. While SickKids endeavours to keep this information up to date and accurate, patient circumstances will vary and some information may become outdated as a result of recent medical developments following the time of printing. Any reliance you place on such information is therefore strictly at your own risk. Please note that the doses provided do not necessarily conform to the manufacturer's recommendations, and formulary drugs may not be licensed for use in children. The reader is cautioned to check the product information sheet provided by the manufacturer, and to verify indications, contraindications and recommended dosages. SickKids make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, or suitability of the information and related products contained in this worksheet for any purpose. SickKids accepts no responsibility for the reader's use, misuse or misinterpretation of the information, and does not promise success in achieving any desired result. In no event will SickKids be liable for any damage, liability or loss or for any indirect, incidental or consequential damages arising from the use of this information.