#### Pharmacy Services

COMPOUND EVALUATION FORM			
Compound Name: Cinacalcet	Container-closure system(s): amber plastic bottle		
Strength: 5 mg/mL	Preservatives: preservatives contained in Ora Blend		
Dosage Form: Oral Suspension	Beyond Use Date (compound type): 35 days		
Product Description: Opaque Suspension	Storage: Refrigeration (preferred) or room temperature		
Auxiliary Labels: Shake Well, Refrigerate			
Quality control procedures (ex: pH test, etc.): visual inspection of the final product			
Ingredients: Cinacalcet 30 mg tablets Ora Blend Oral Suspension (QS)			

# **Instructions for preparation:**

#### **Calculations:**

Directions:

- 1. Crush tablets with mortar and pestle and triturate to a fine powder.
- 2. Wet powder with a minimal amount of vehicle and levigate to form a viscous, but smooth and uniform paste.
- 3. Continue adding vehicle, geometrically, mixing well after each addition.
- 4. Pour into graduate and stir.
- 5. Rinse mortar with vehicle, adding rinse to graduate, until almost final volume.
- 6. QS to final volume with vehicle. Stir well.

Ingredient Name/Strength/Form	QS	Quantity	Units
Cinacalcet 30 mg tablet		5	tablets
Ora Blend	X	30	mL

### **Equipment/ Supplies:**

X Mortar and Pestle	X Stirring rod	☐ Ointment slab
X Graduated cylinder(s)	☐ Spatula	☐ Balance
☐ Weigh paper	X Amber (plastic/glass) bottle	☐ Ointment jar
X Counting tray	☐ Syringe	☐ Funnel

#### **References:**

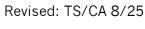
1. Thomson K, Hutchinson DJ, Chablani L. Stability of extemporaneously prepared cinacalcet oral suspensions. Am J Health Syst Pharm. 2018 May 1;75(9):e236-e240.

Revised: TS/CA 8/25



# Pharmacy Services

2. USP Chapter <795> Pharmaceutical Compounding—Nonsterile Preparations





## Nationwide Children's Hospital Disclaimer:

The information provided on this site is for educational and informational purposes and may not be relied upon to direct or provide care to a patient. This material is not intended as a substitute for consulting health care professionals. The health care professionals remain solely responsible to provide and direct patient care. 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 professional or pharmacist. Nationwide Children's Hospital assumes no liability for any injury and/or damage to persons from use of any information contained on this site.



Revised: TS/CA 8/25

NATIONWIDE CHILDREN'S When your child needs a hospital, everything matters.