

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:

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.

Calculations:

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

Equipment/ Supplies:

<input checked="" type="checkbox"/> Mortar and Pestle	<input checked="" type="checkbox"/> Stirring rod	<input type="checkbox"/> Ointment slab
<input checked="" type="checkbox"/> Graduated cylinder(s)	<input type="checkbox"/> Spatula	<input type="checkbox"/> Balance
<input type="checkbox"/> Weigh paper	<input checked="" type="checkbox"/> Amber (plastic/glass) bottle	<input type="checkbox"/> Ointment jar
<input checked="" type="checkbox"/> Counting tray	<input type="checkbox"/> Syringe	<input type="checkbox"/> 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



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

Revised: TS/CA 8/25



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Revised: TS/CA 8/25

