

sinacalide (Kinevac) IVPB

SUPPLIES *include quantity and medication name, strength/concentration, volume, diluent, diluent volume, and quantity and name of each supply needed*

*****NS flush syringes are never to be used for reconstitution/diluent for medication.*****

- One (1) sinacalide 5 mcg injection vial
- One (1) sterile water for injection (SWFI) 10 mL injection vial
- Alcohol swabs
- One-two (1-2) 18 gauge needles preferred (20-23 gauge needles acceptable)
- One-two (1-2) 10 mL sterile syringe(s)
- If 30 mL total volume ordered, one (1) 50 mL sterile syringe
- One (1) 0.9% NaCl 100 mL IV container
- One (1) appropriate syringe size for patient specific dose
- Nursing IV admixture label(s) – Lawson # 626

STEPS *explicitly state each step in chronological order, including hand washing, gown/garb, alcohol swab, etc.)*

30 mL volume

1. Wash hands. Prepare/clean the designated mixing area.
2. Remove cap from sinacalide 5 mcg injection vial and 10 mL SWFI vial and wipe the rubber stopper with alcohol swab with a single swipe.
3. Attach 18 gauge needle to syringe. Withdraw 5 mL of SWFI using a 10 mL empty, sterile IV syringe and transfer to sinacalide 5 mcg injection vial. Yields sinacalide 1 mcg/mL concentration. Discard needle and syringe.
4. Attach 18 gauge needle to syringe. Use smallest syringe for the ordered dose/volume (e.g., for 2 mcg dose, use the 3 mL empty, sterile IV syringe). Withdraw patient-specific ordered dose from reconstituted sinacalide 1 mcg/mL injection vial.
5. Recap needle using the scoop-cap method by laying the cap on a hard surface and using one hand to hold the syringe and scoop up the cap from the surface. Remove needle and aseptically attach a syringe connector.
6. Attach other end of the syringe connector to a 50 mL syringe.
7. Transfer patient-specific dose of sinacalide 1 mcg/mL into the 50 mL syringe.
8. Attach IV bag access device to 0.9% NaCl 100 mL IV container.
9. Swab the port of bag access device with alcohol pad.
10. Withdraw up to 30 mL of 0.9% NaCl into 50 mL syringe.
11. Gently invert 50 mL syringe to mix. Do not shake.
12. Visually inspect solution (e.g. free of inappropriate visible particulates or other foreign matter, discoloration, and defect), and the container integrity is intact. Discard if any defects.
13. Label the compounded sinacalide solution with:
 - a. Drug name, strength, and dose (if not apparent by the container)
 - b. Diluent and volume (if not apparent by the container)
 - c. Administer immediately (**administration must be completed within 1 hour from the time of compounding.** Discard after 1 hour from the time of compounding.)
 - d. Initials of person compounding
14. Discard reconstituted sinacalide vial into appropriate medication waste bin.

100 mL volume

1. Wash hands. Prepare/clean the designated mixing area.
2. Remove cap from sinacalide 5 mcg injection vial and 10 mL SWFI vial and wipe the rubber stopper and medication port of IV solution bag with alcohol swab with a single swipe.
3. Attach 18 gauge needle to syringe. Withdraw 5 mL of SWFI using a 10 mL empty, sterile IV syringe and transfer to sinacalide 5 mcg injection vial. Yields sinacalide 1 mcg/mL concentration. Discard needle and syringe.

4. Attach 18 gauge needle to syringe. Use smallest syringe for the ordered dose/volume (e.g., for 2 mcg dose, use the 3 mL empty, sterile IV syringe). Withdraw patient-specific ordered dose from reconstituted sincalide 1 mcg/mL injection vial.
5. Inject medication into the 0.9% NaCl IV solution bag.
6. Visually inspect solution (e.g. free of inappropriate visible particulates or other foreign matter, discoloration, and defect), and the container integrity is intact. Discard if any defects.
7. Label the compounded sincalide solution with:
 - a. Drug name, strength, and dose (if not apparent by the container)
 - b. Diluent and volume (if not apparent by the container)
 - c. Administer immediately (**administration must be completed within 1 hour from the time of compounding. Discard after 1 hour from the time of compounding**)
 - d. Initials of person compounding
8. Discard reconstituted sincalide vial into appropriate medication waste bin.

NOTES explicitly state any pertinent information

References

- Package insert - sincalide injection, powder, lyophilized, for solution. Fresenius Kabi USA, LLC, Lake Zurich, IL. Revised: October 2023. <https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=bb5057da-8568-49b9-947d-fab7d8d8f257&type=display>
- United States Pharmacopeia (USP). General Chapter, <797> Pharmaceutical Compounding—Sterile Preparations. (2023) USP-NF. Rockville, MD: United States Pharmacopeia.
<https://ochsnerhealth.sharepoint.com/sites/ClinicalResources/SiteAssets/Forms/AllItems.aspx?id=%2Fsites%2FClinicalResources%2FSiteAssets%2FSitePages%2FRegulatory%2DReadiness%2FUSP%2D797%2DOfficial%2D11%2E1%2E23%2Epdf&parent=%2Fsites%2FClinicalResources%2FSiteAssets%2FSitePages%2FRegulatory%2DReadiness>