

Emergency Compounding of an Oral Suspension from TAMIFLU Capsules

Note: Compounding Tamiflu Oral Capsules into Suspension is considered Category 1, Simple Compounding

Final Concentration is **15mg/ml** unlike commercially manufactured oral suspension (**12mg/ml**)

Step 1: Calculate the Total Volume of an oral suspension to be compounded and dispensed for each patient. The Total Volume required is determined by the weight of each patient.

Body Weight (kg)	Body Weight (lbs)	Total Volume to Compound per Patient (ml)
≤ 15 kg	≤ 30 lbs	30 ml
16 to 23 kg	34 to 51 lbs	40 ml
24 to 40 kg	52 to 88 lbs	50 ml
≥ 41 kg	≥ 89 lbs	60 ml

Step 2: Determine the number of capsules and the amount of the vehicle (Cherry Syrup or Ora-Sweet SF (sugar free)) that are needed to prepare the Total Volume (calculate from table above) of compounded oral suspension (15 mg/ml).

Total Volume of Compounded Oral Suspension needed to be Prepared	30 ml	40 ml	50 ml	60 ml
Required Number of TAMIFLU 75 mg Capsules	6 capsules (450 mg oseltamivir)	8 capsules (600 mg of oseltamivir)	10 capsules (750 mg oseltamivir)	12 capsules (900 mg oseltamivir)
Required Volume of Vehicle: Cherry Syrup or Ora-Sweet SF	29 ml	38.5 ml	48 ml	57 ml

Step 3: Follow the procedure below for compounding the oral suspension (15mg/ml) from TAMIFLU Capsules 75 mg:

- A. Carefully separate the capsule body and cap and transfer the contents of the required number of TAMIFLU 75 mg capsules into a clean mortar.
- B. Triturate the granules to a fine powder.
- C. Add one-third (1/3) of the specified amount of vehicle and triturate the powder until a uniform suspension is achieved.
- D. Transfer the suspension to an amber glass or amber polyethyleneterephthalate (PET) bottle. A funnel may be used to eliminate any spillage.
- E. Add another one-third (1/3) of the vehicle to the mortar, rinse the pestle and mortar by triturating motion and transfer the vehicle into the bottle.
- F. Repeat the rinsing (Step E) with the remainder of the vehicle.
- G. Close the bottle using a child resistant cap.
- H. Shake well to completely dissolve the active drug and to ensure homogeneous distribution of the dissolved drug in the resulting suspension.
- I. Put an ancillary label on the bottle indicating "Shake Gently Before Each Use".
- J. Instruct the parent or guardian to discard any remaining material following completion of therapy.
- K. Place an appropriate expiration date label according to storage condition:
 - a. Refrigeration: Stable for 5 weeks (35 days) when stored at 2° to 8°C.
 - b. Room Temperature: Stable for five days (5 days) when stored at room temperature, 25° C.

Step 4: Dosing:

Body Weight (kg)	Body weight (lbs)	Dose (mg)	Volume per Dose 15 mg/ml	Treatment Dose for (5 days)	Prophylaxis Dose (for 10 days)
≤ 15 kg	≤ 33 lbs	30 mg	2 ml	2 ml two times a day	2 ml once daily
16 to 23 kg	34 to 51 lbs	45 mg	3 ml	3 ml two times a day	3 ml once daily
24 to 40kg	52 to 88 lbs	60 mg	4 ml	4 ml two times a day	4 ml once daily
≥ 41 kg	≥ 89 lbs	75 mg	5 ml	5 ml two times a day	5 ml once daily