



NATIONWIDE CHILDREN'S
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Pharmacy

Drug Name	Route	Dosage Form	Concentration
Temozolomide	Oral	Suspension	10mg/mL

Formula Qty: 100mL	Shelf Life: 60days
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Equipment needed:

Mortar, pestle, graduated cylinder, scale, stirring rod, mask, gloves, biological safety cabinet or vertical air flow hood

Auxiliary Labels/Storage: Shake Well; Refrigerate

Room temperature storage = 7 days (14 days if Ora-Blend SF)

Directions:

1. Empty contents of capsules into a mortar.
2. Weigh povidone K-30 powder and add to mortar.
3. Triturate to a fine powder and assure thorough mixing.
4. Dissolve anhydrous citric acid in distilled water. Add mixture to mortar and levigate to form a viscous, but smooth and uniform paste.
5. Add vehicle, geometrically, mixing well after each addition.
6. Transfer to a graduate.
7. Rinse mortar with vehicle, adding rinse to graduate.
8. QS to final volume with vehicle. Stir well.

Note: **CONTACT PRECAUTIONS REQUIRED Must be prepared in a biological safety cabinet with proper personal protective equipment. Ora-Blend SF may be substituted for Ora-Blend.**

Ingredients	QS	Quantity	Units
Temozolomide 100mg capsule		10	Capsules
Citric Acid Anhydrous Powder		0.025	Grams
Povidone K-30 Powder		500	Mg
Distilled Water		1.5	mL
Ora-Blend (or 1:1 Ora-Plus/Ora-Sweet)	X	100	mL

Citations/References

Trissel LA, Zhang Y, Koontz SE. Temozolomide Stability in Extemporaneously Compounded Oral Suspension. *IJPC*. 2006; 10(5): 396-399.

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