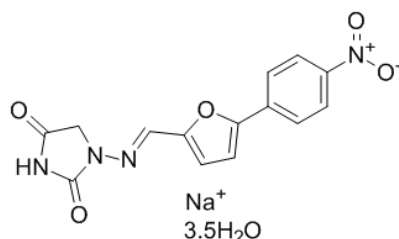


**Product Name** : Dantrolene sodium hemiheptahydrate  
**Cat. No.** : PC-43100  
**CAS No.** : 24868-20-0  
**Batch No.** : PC-4310001  
**Chemical Name** : 2,4-Imidazolidinedione, 1-[[[5-(4-nitrophenyl)-2-furanyl]methylene]amino]-, sodium salt, hydrate (2:2:7)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 400.30  
**Molecular Formula** :  $C_{14}H_{17}N_4NaO_{8.5}$   
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com