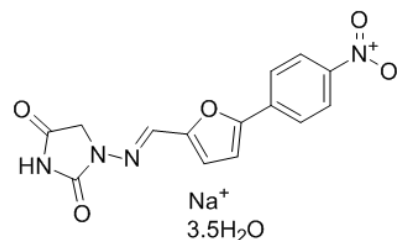


**Product Name** : Dantrolene sodium hemiheptahydrate  
**Cat. No.** : PC-43100  
**CAS No.** : 24868-20-0  
**Molecular Formula** : C<sub>14</sub>H<sub>17</sub>N<sub>4</sub>NaO<sub>8.5</sub>  
**Molecular Weight** : 400.30  
**Target** : Calcium Channel  
**Solubility** : DMSO: ≥ 33 mg/mL



## Biological Activity

Dantrolene is a postsynaptic muscle relaxant that lessens excitation-contraction coupling in muscle cells, inhibits Ca<sup>2+</sup> ions release from sarcoplasmic reticulum stores by antagonizing ryanodine receptors.

## References

Zucchi R, et al. Pharmacol Rev. 1997 Mar;49(1):1-51.

Barker K, et al. Clin Toxicol (Phila). 2006;44(3):351.

Ellis KO, et al. J Pharm Sci. 1973 Jun;62(6):948-51.

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

E-mail: tech@probechem.com