

Dantrolene sodium salt

Catalog No: #S0077

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Description

Product Name	Dantrolene sodium salt
Brief Description	Inhibitors
Purification	99.00%
Target Name	Calcium Channel inhibitor; Others
Calculated MW	336.23
Formulation	C ₁₄ H ₉ N ₄ NaO ₅
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Nervous system
SMILES: C1C(=O)N=C(N1/N=C/C2=CC=C(O2)C3=CC=C(C=C3)[N+](=O)[O-])[O-].[Na+]
Pathways: Membrane transporter/Ion channel; Others
Receptor: Calcium Channel; Ryanodine receptor 1
Boiling pt: 85°C
Melting pt: Solubility: Soluble in DMSO
Appearance: Orange Powder
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Paul-Pletzer K, et al. J Biol Chem. 2002 Sep 20;277(38):34918-23.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.