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Product Datasheet

Dantrolene sodium hemiheptahydrate, CAS [[24868-20-0]] BYT-ORB1303229

Article Name	Dantrolene sodium hemiheptahydrate, CAS [[24868-20-0]]
Biozol Catalog Number	BYT-ORB1303229
Supplier Catalog Number	orb1303229
Alternative Catalog Number	BYT-ORB1303229-1, BYT-ORB1303229-1, BYT-ORB1303229-100, BYT-ORB1303229-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Dantrolene sodium is a hydantoin-derived muscle relaxant that inhibits skeletal muscle contraction by binding to the ryanodine receptor 1 (RyR1), thereby reducing calcium release from the sarcoplasmic reticulum. It is widely used in research applicat...
Molecular Weight	399.29
Purity	99.72% (May vary between batches)
CAS Number	[24868-20-0]
Formula	C ₁₄ H ₉ N ₄ NaO ₅ ·3.5H ₂ O
Target	Apoptosis, Autophagy, ROS, Calcium Channel
Application Notes	Solubility: DMSO:16.67 mg/mL (41.75 mM), 10% DMSO+40% PEG300+5% Tween-80+45% Saline:0.5 mg/mL (1.25 mM)