

Product Name	: Dantrolene
Synonyms	: —
Cat No.	: M21969
CAS Number	: 7261-97-4
Molecular Formula	: C ₁₄ H ₁₀ N ₄ O ₅
Formula Weight	: 314.25
Chemical Name	: —
Description	: Dantrolene is a postsynaptic muscle relaxant by inhibiting Ca ²⁺ ions release from sarcoplasmic reticulum stores by antagonizing ryanodine receptors.
Pathway	: Others
Target	: Other Targets
Receptor	: Ryanodine receptor
Solubility	: —
SMILES	: <chem>[O-][N+](=O)c1ccc(cc1)-c1ccc(C=NN2CC(=O)NC2=O)o1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Diszhazi G, Magyar Z E, Motyan J A, et al. Dantrolene Requires Mg²⁺ and ATP To Inhibit the Ryanodine Receptor[J]. Molecular Pharmacology, 2019, 96(3):mol.119.116475.