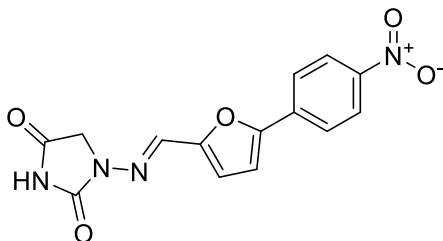




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317580	Dantrolene	T20R06C30

Chemical name	
1-[[[5-(4-Nitrophenyl)-2-furanyl]methylene]amino]-2,4-imidazolidione	
Synonyms	
Dantrolene; Dantroleno; Dantrolenum; Dantrium; Dantrolenum	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317580 Name: Dantrolene CAS#: 7261-97-4 Lot# T20R06C30 Chemical Formula: C ₁₄ H ₁₀ N ₄ O ₅ Exact Mass: 314.06512 Molecular Weight: 314.253

Analysis item	Specifications / Results
Appearance	Yellow solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Slightly soluble in DMSO & methanol
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE