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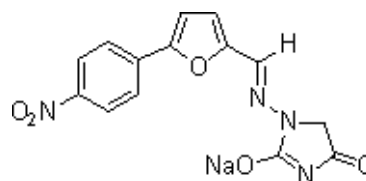
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Product Specification

Product Name:
Dantrolene sodium salt

Product Number: **D9175**
CAS Number: 14663-23-1

Formula: C₁₄H₉N₄NaO₅
Formula Weight: 336.23 g/mol



TEST	Specification
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Appearance (Form)	Powder or Lyophilized Powder
Appearance (Colour)	Orange
Solubility (Solvent)	DMF/MeOH 1/1
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Orange
Karl Fischer (mole H ₂ O/mole)	≤ 4.00
Elemental Anal. (%C anhydrous)	48.80 - 51.30 %
Elemental Anal. (%N anhydrous)	16.20 - 17.10 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Purity (TLC)	≥ 98.00 %
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000002684

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.