

Certificate of Analysis

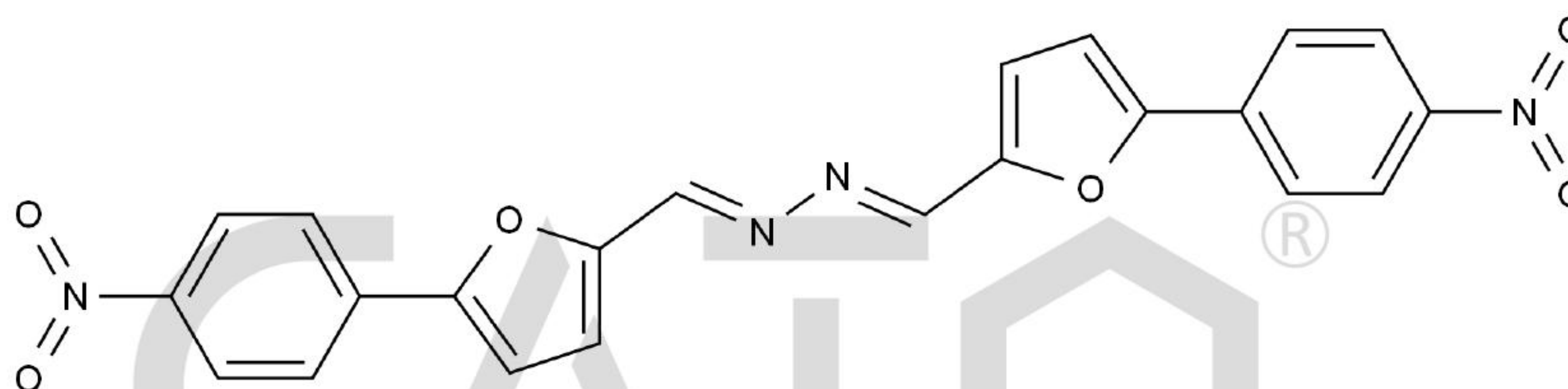
Reference Material & Standard

Product Name:	Dantrolene USP Related Compound A	Catalogue Number:	CP132262
Synonyms:	N/A	Lot Number:	0530-RF-0059
CAS Number:	301359-05-7	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₂₂ H ₁₄ N ₄ O ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	430.37	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.12%
Loss on Drying	TGA	0.8111%
Assay	Mass Balance	94.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 24, 2025

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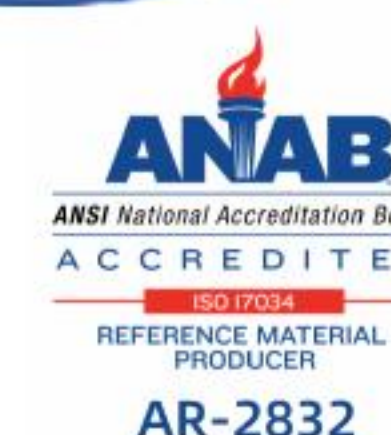
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