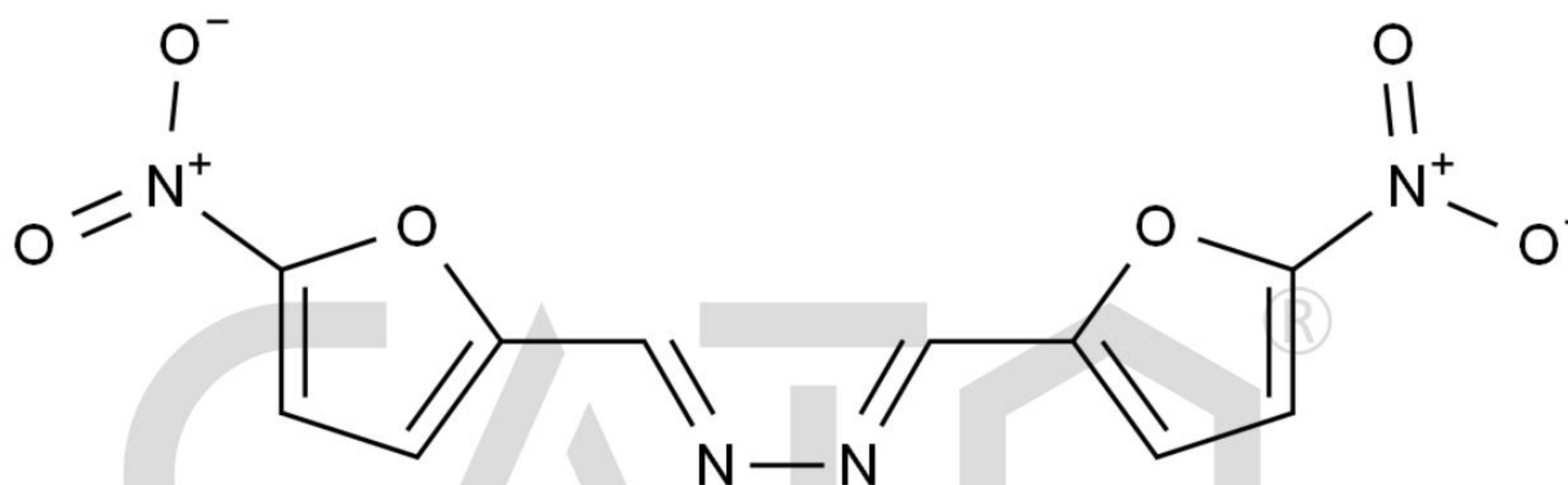


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifuroxazide EP Impurity D	Catalogue Number:	C4X-12722
Synonyms:	Nitrofural EP Impurity A	Lot Number:	0602-RH-0045
CAS Number:	736-53-8	Expiry Date:	Jun 03, 2030
Molecular Formula:	C ₁₀ H ₆ N ₄ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	278.18	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.069%
Loss on Drying	TGA	0.9781%
Assay		94.1%

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 04, 2026

Date: Jun 04, 2026

Date: Jun 04, 2026



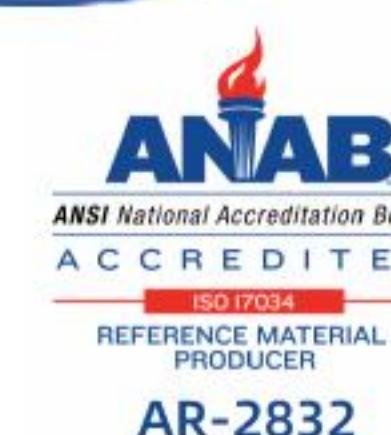
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