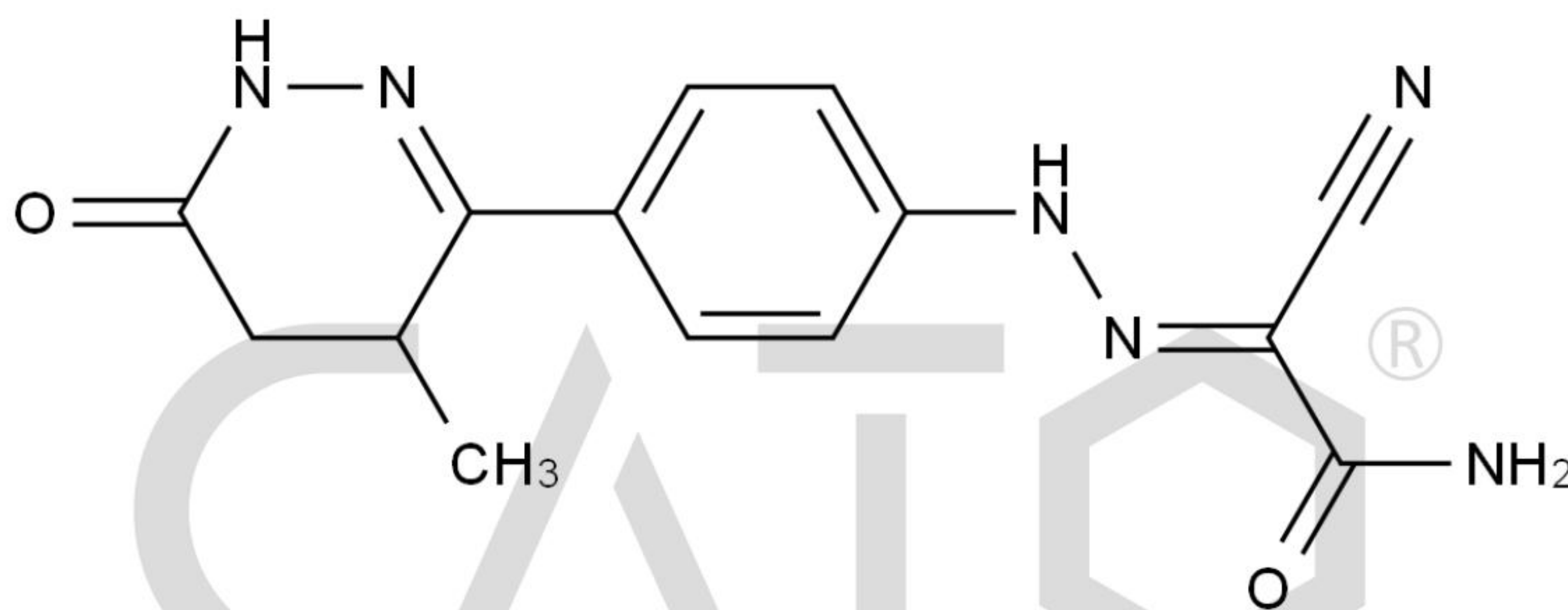


Certificate of Analysis

Reference Material & Standard

Product Name:	Levosimendan Impurity 20	Catalogue Number:	C4X-130820
Synonyms:	N/A	Lot Number:	0625-RE-0071
CAS Number:	131741-37-2	Expiry Date:	Dec 23, 2025
Molecular Formula:	C ₁₄ H ₁₄ N ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.30	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown-Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.70%
Loss on Drying	TGA	0.8014%
Assay		95.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 31, 2024

Date: Jan 31, 2024

Date: Jan 31, 2024



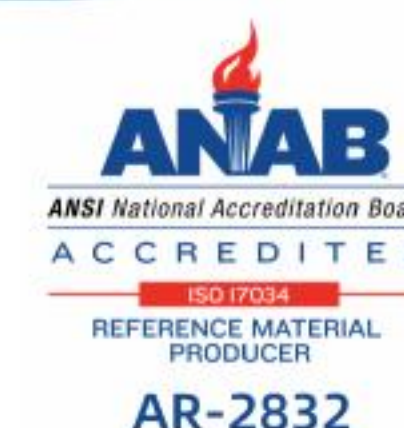
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