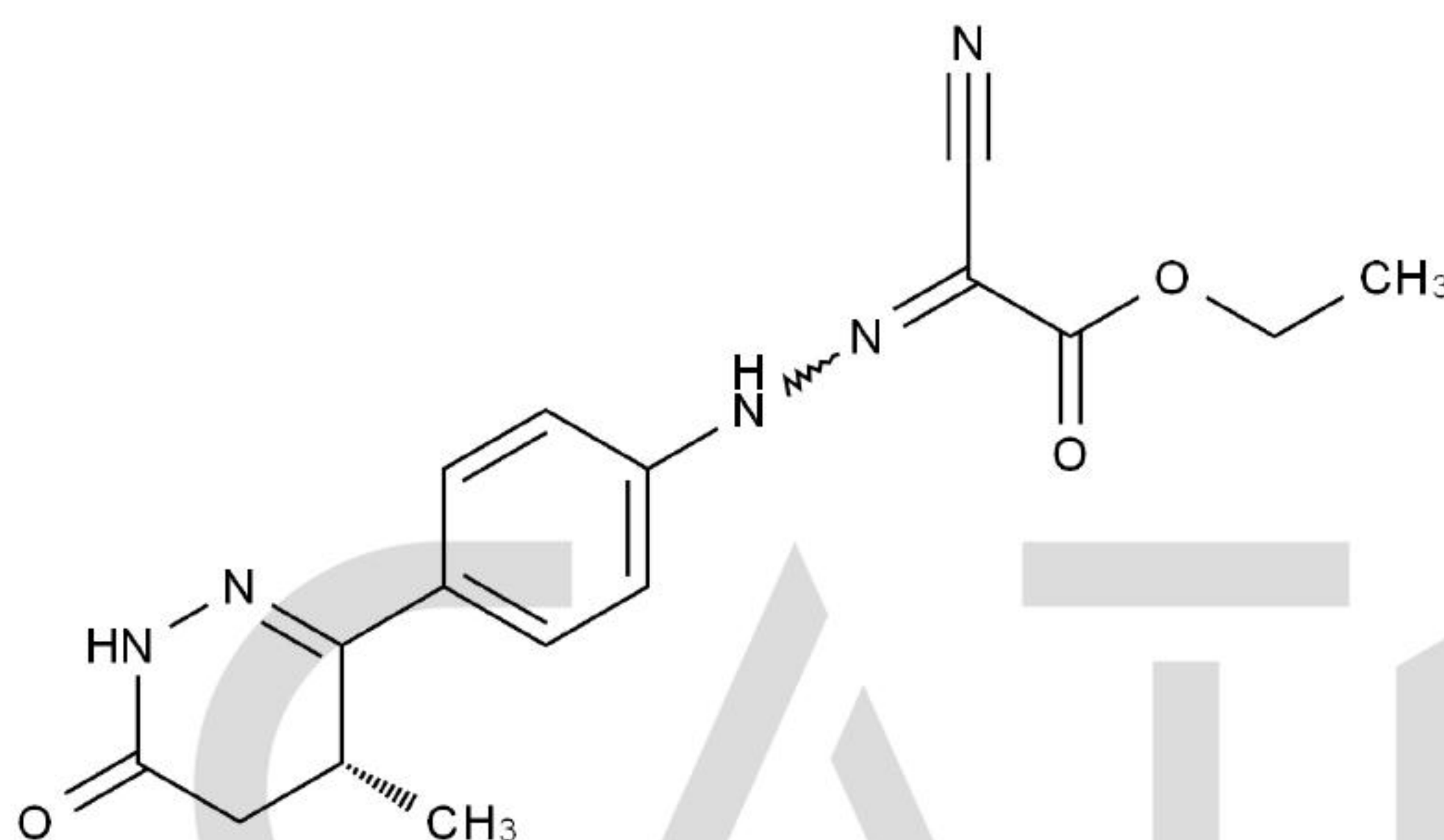


Certificate of Analysis

Reference Material & Standard

Product Name:	Levosimendan Impurity 47	Catalogue Number:	C4X-130847
Synonyms:	N/A	Lot Number:	0506-RF-0057
CAS Number:	N/A	Expiry Date:	May 09, 2027
Molecular Formula:	C ₁₆ H ₁₇ N ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	327.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.162%
Loss On Drying	TGA	5.0290%
Assay		94.2%

Comment:

The calculation of the 100% 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

Aproved by General Manager:

David

Date: May 10, 2024

Date: May 10, 2024

Date: May 10, 2024

