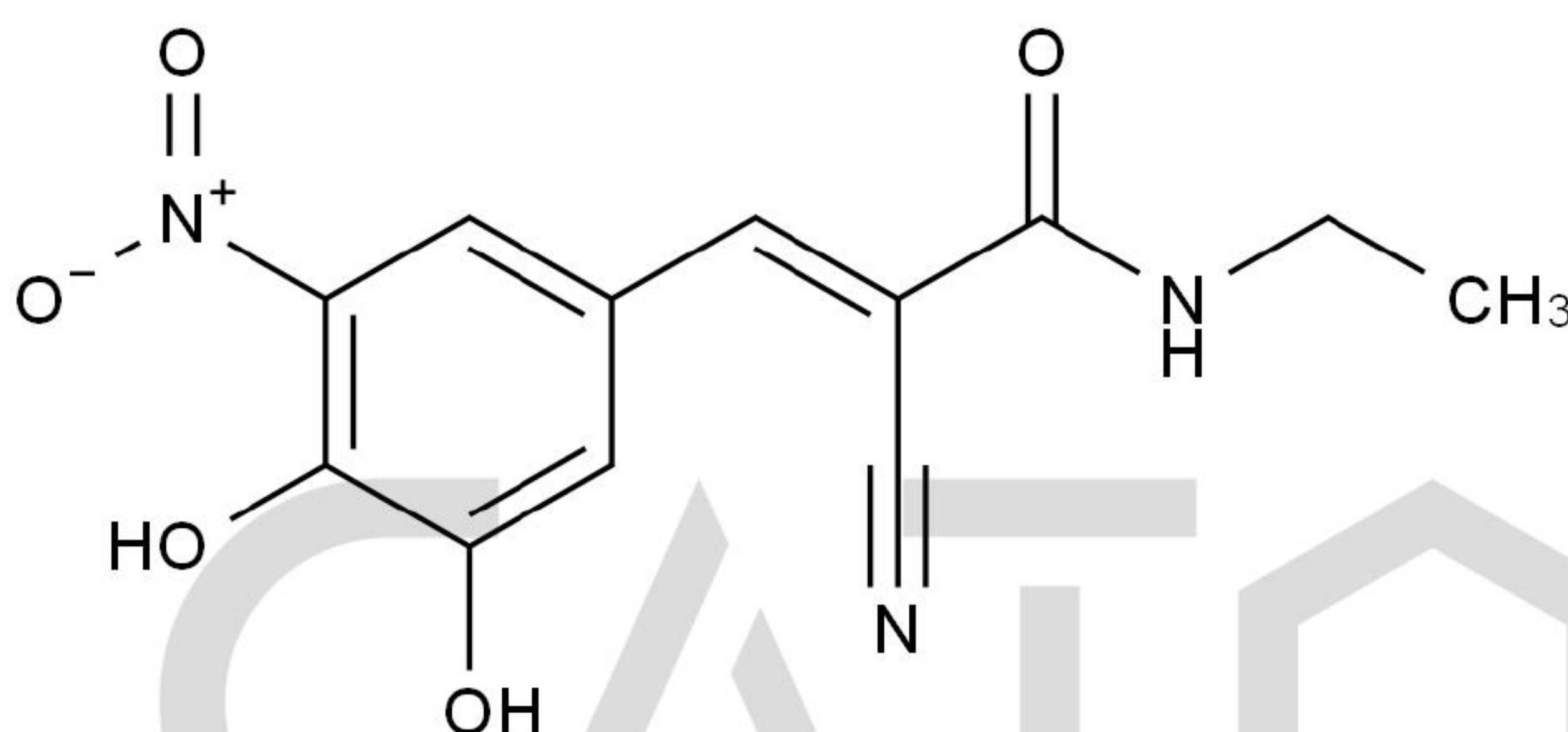


Certificate of Analysis

Reference Material & Standard

Product Name:	Entacapone Impurity 2	Catalogue Number:	C4X-16292
Synonyms:	N/A	Lot Number:	0224-RG-0033
CAS Number:	150995-46-3	Expiry Date:	Mar 04, 2028
Molecular Formula:	C ₁₂ H ₁₁ N ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	277.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.959%
Loss On Drying	TGA	1.2248%
Assay		97.7%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 14, 2025

Date: Jul 14, 2025

Date: Jul 14, 2025

