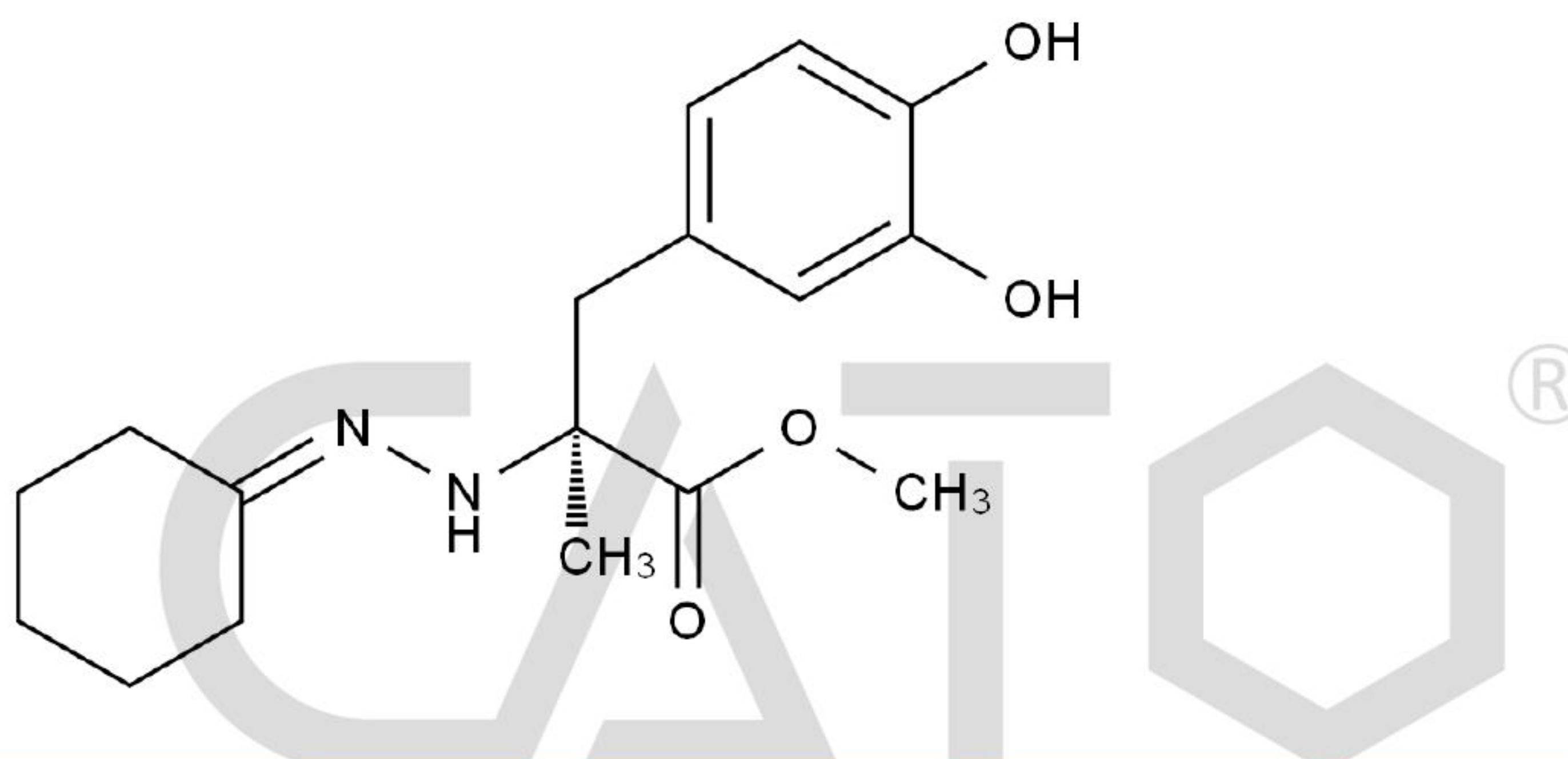


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbidopa EP Impurity D	Catalogue Number:	C4X-23104
Synonyms:	N/A	Lot Number:	0605-RG-0066
CAS Number:	934371-48-9	Expiry Date:	Jul 01, 2028
Molecular Formula:	C ₁₇ H ₂₄ N ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	320.38	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.19%
Loss On Drying	TGA	3.7308%
Assay		91.6%

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: Dec 18, 2025

Date: Dec 18, 2025

Date: Dec 18, 2025



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