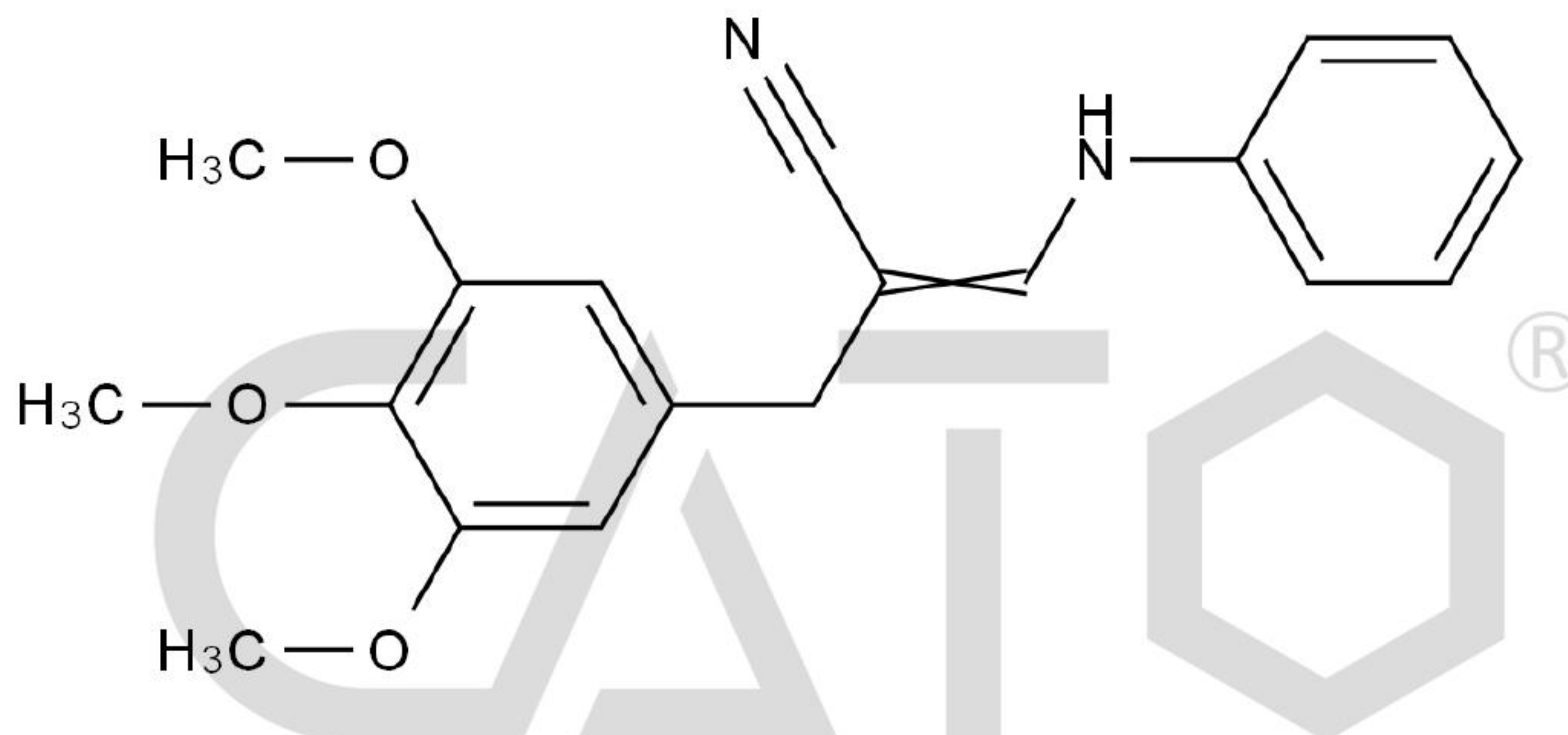


Certificate of Analysis

Reference Material & Standard

Product Name:	Trimethoprim EP Impurity I (Mixture of cis/trans isomers)	Catalogue Number:	C4X-12259
Synonyms:	N/A	Lot Number:	1223-RD-0024
CAS Number:	30078-48-9	Expiry Date:	Mar 05, 2028
Molecular Formula:	C ₁₉ H ₂₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	324.37	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.97%
Loss On Drying	TGA	0.0248%
Assay		99.9%

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: Mar 06, 2025

Date: Mar 07, 2025

Date: Mar 07, 2025

