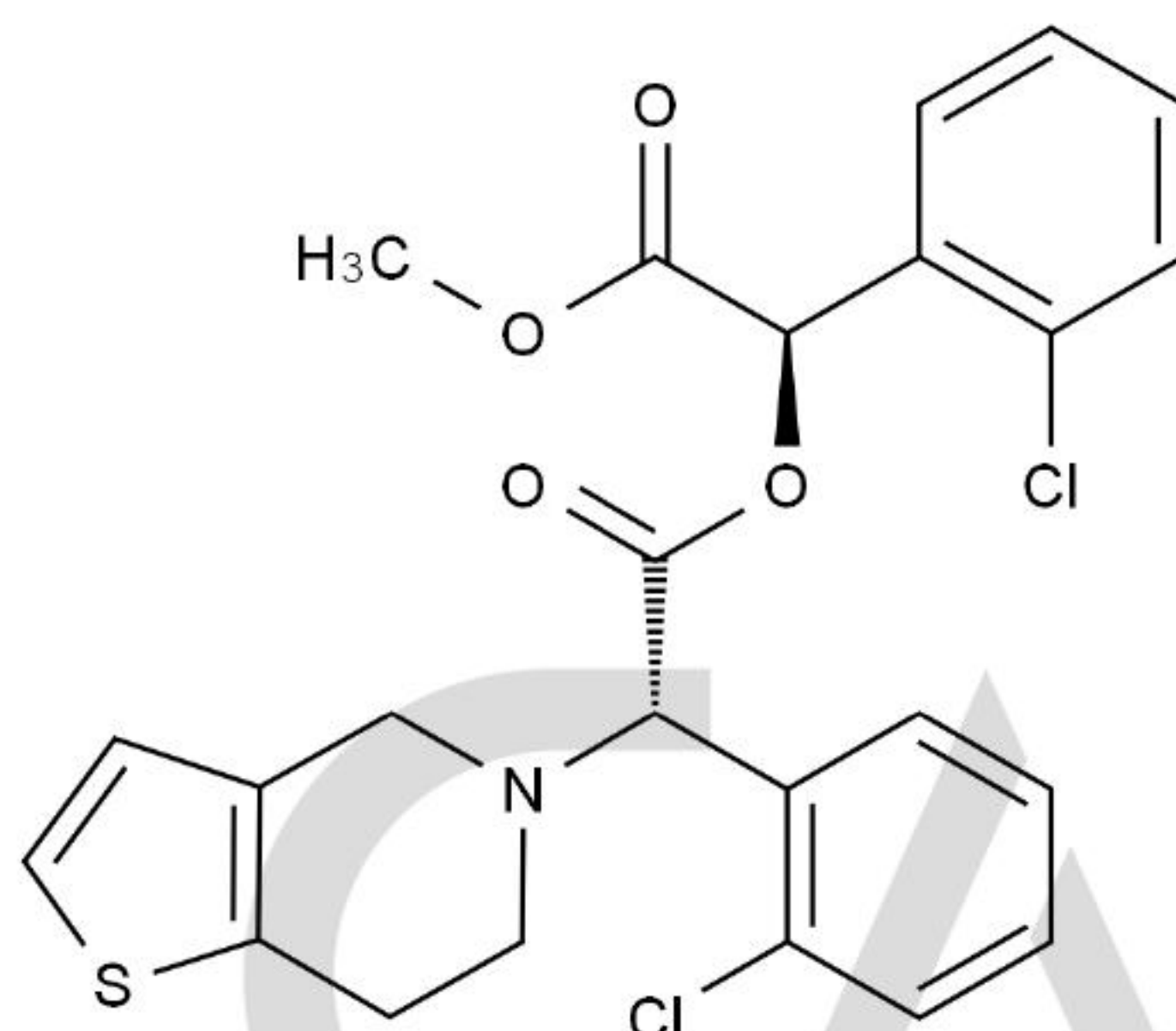


Certificate of Analysis

Reference Material & Standard

Product Name:	Clopidogrel EP impurity D	Catalogue Number:	C4X-10294
Synonyms:	N/A	Lot Number:	0113-RG-0081
CAS Number:	1421283-60-4	Expiry Date:	Jan 13, 2028
Molecular Formula:	C ₂₄ H ₂₁ Cl ₂ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	490.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.664%
Loss On Drying	TGA	0.5591%
Assay		98.1%

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

Approved by General Manager:

David

Date: Jan 14, 2025

Date: Jan 15, 2025

Date: Jan 15, 2025

