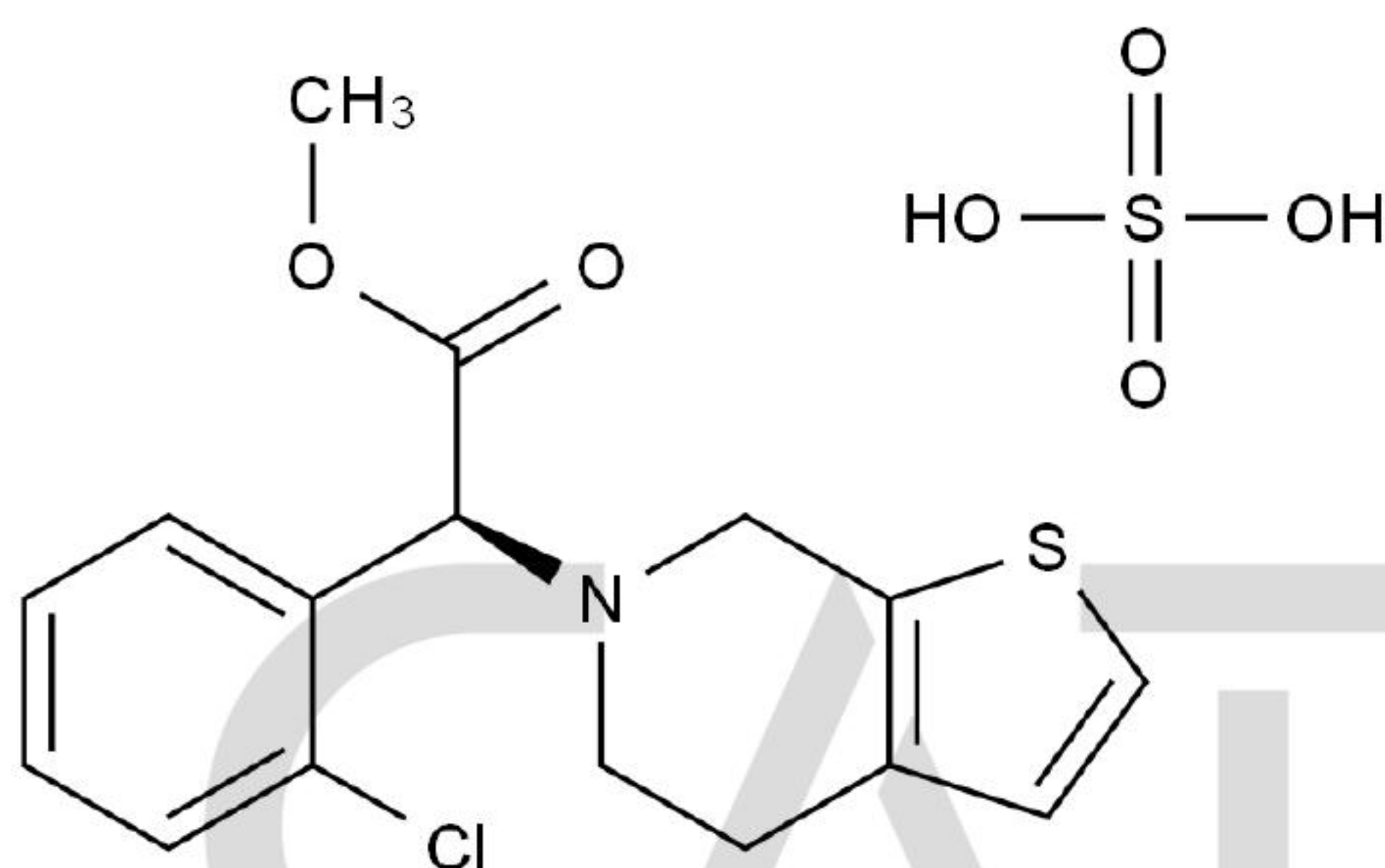


Certificate of Analysis

Reference Material & Standard

Product Name:	Clopidogrel EP impurity B Sulfate	Catalogue Number:	C4X-102960
Synonyms:	N/A	Lot Number:	0211-RG-0001
CAS Number:	1396841-05-6(free base)	Expiry Date:	Jan 20, 2028
Molecular Formula:	C ₁₆ H ₁₆ ClNO ₂ S H ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	321.82 98.08		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.833%
Water Content	Karl Fischer	0.54%
Residual Solvents	NMR	0.21% acetone
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Feb 11, 2025

Date: Feb 11, 2025

Date: Feb 11, 2025

