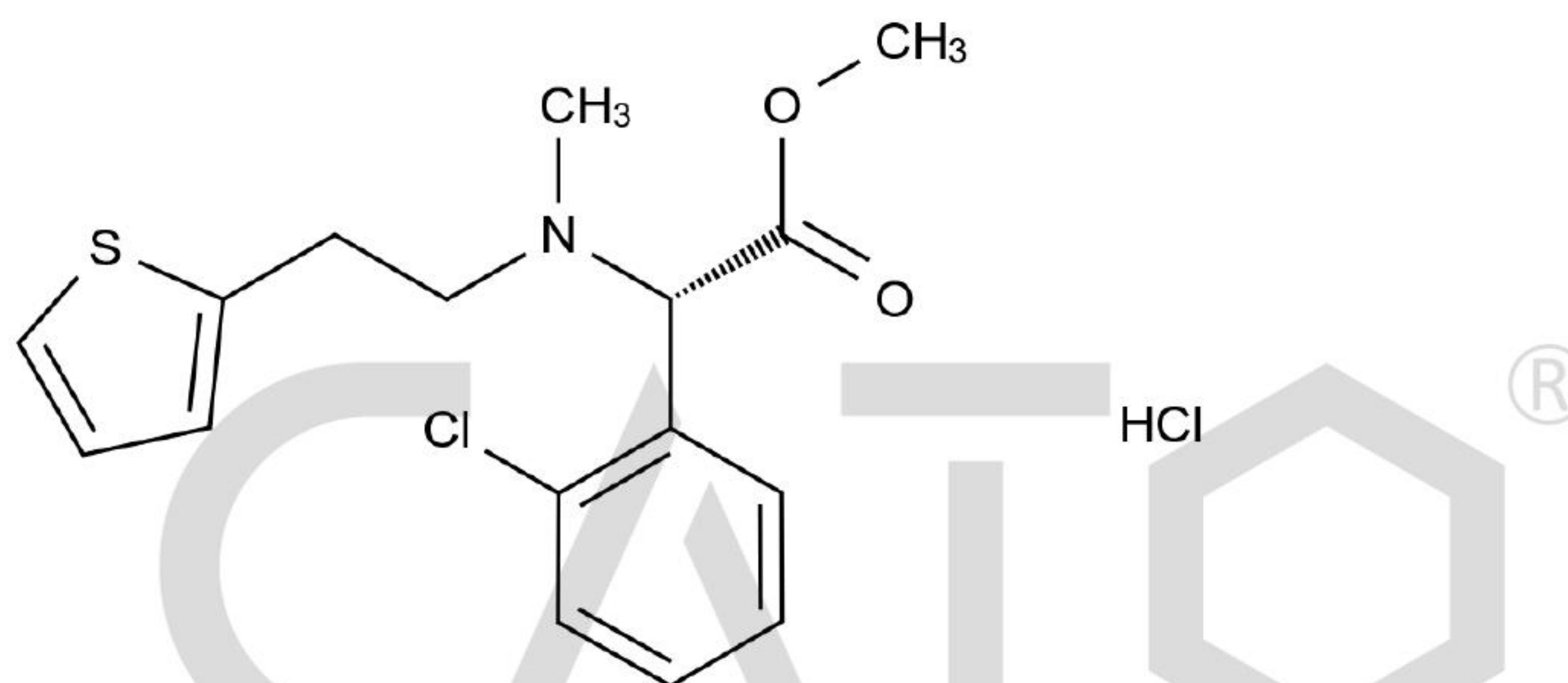


Certificate of Analysis

Reference Material & Standard

Product Name:	Clopidogrel Impurity 36 HCl	Catalogue Number:	C4X-102936
Synonyms:	N/A	Lot Number:	0810-RH-0113
CAS Number:	1346605-15-9 (free base)	Expiry Date:	Aug 09, 2030
Molecular Formula:	C ₁₆ H ₁₈ ClNO ₂ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	323.84 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.786%
Loss on Drying	TGA	2.3288%
Assay		93.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 10, 2026

Date: Aug 10, 2026

Date: Aug 10, 2026



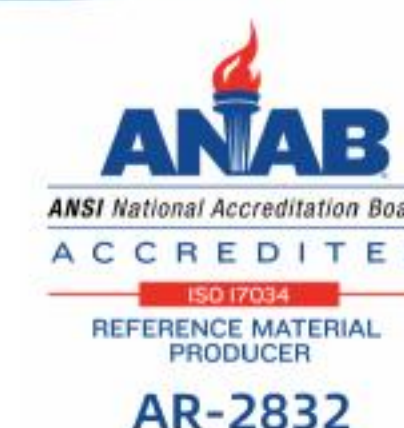
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