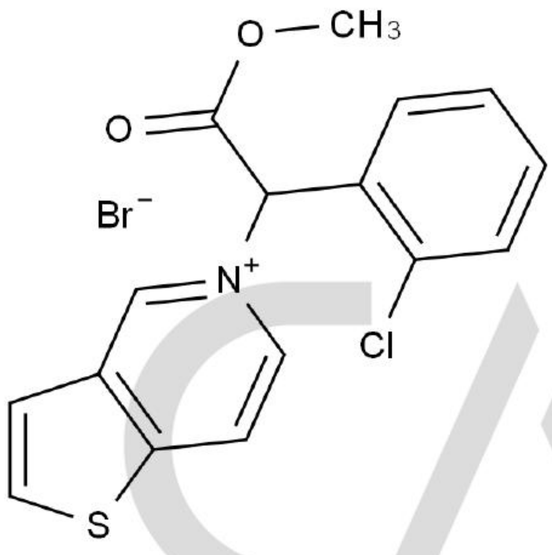
Certificate of Analysis

Reference Material & Standard

Product Name:	Clopidogrel Impurity 90	**Catalogue Number:**	C4X-102990
Synonyms:	N/A	**Lot Number:**	0804-RG-0012
CAS Number:	1251736-86-3	**Expiry Date:**	Aug 05, 2029
Molecular Formula:	$C_{16}H_{13}ClNO_2S$ Br	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	318.80 79.90	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.9%
Assay	qNMR	95.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 17, 2026

Reviewed by: Koi Date: Nov 17, 2026

Approved by General Manager: David Date: Nov 17, 2026

CATO Research Chemicals Inc.