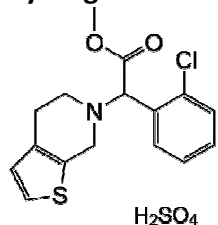


CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

Clopidogrel Impurity 4**Catalogue No.:VL31009****Batch No.:****IUPAC Name: Methyl 2-(2-chlorophenyl)-2-(4,5-dihydrothieno[2,3-c]pyridin-6(7H)-yl)acetate hydrogen sulfate**Molecular Formula: C₁₆H₁₆ClNO₂S . H₂SO₄

Molecular weight: 332.82 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White solid to Off-White	-----
2	Purity by HPLC	>95.00%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

Storage condition: Store at 2-8 degree, protect from moisture and direct sunlight.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*