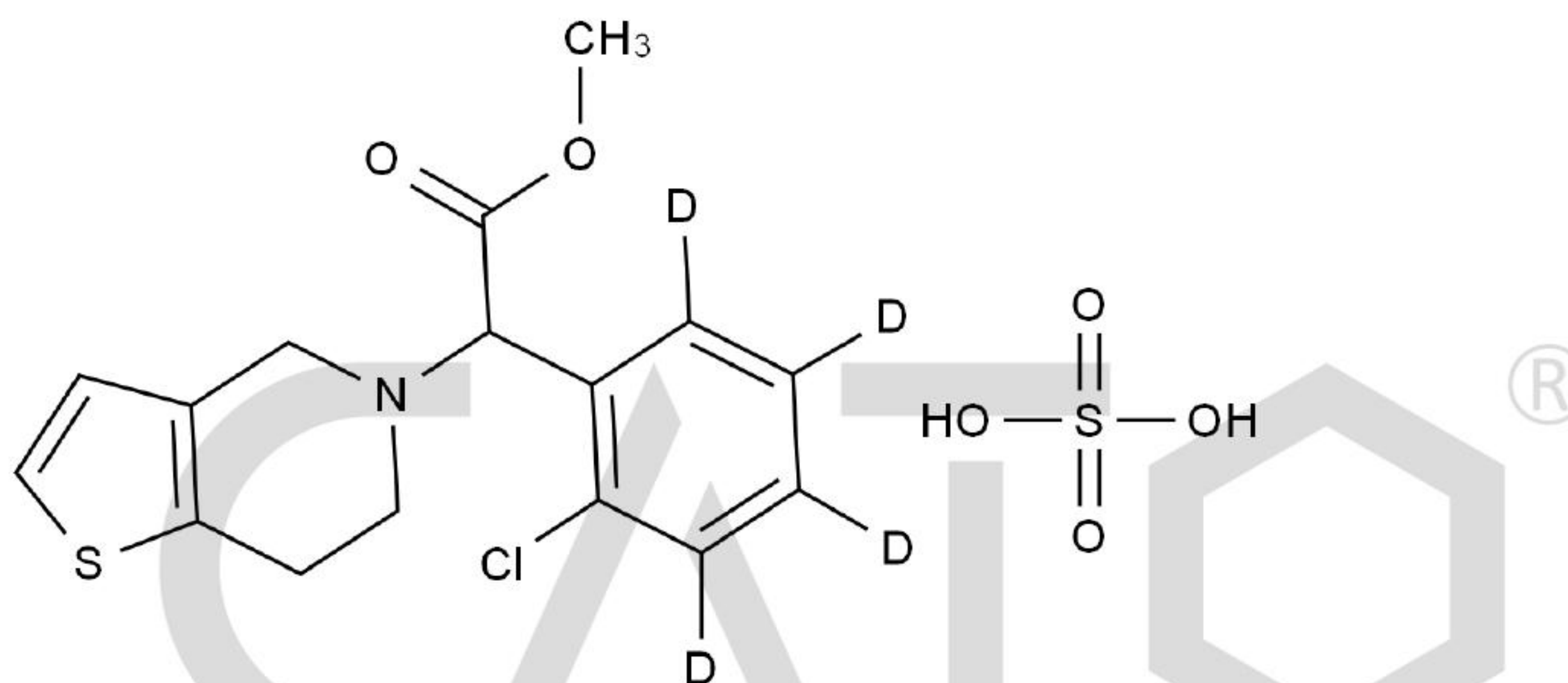


Certificate of Analysis

Reference Material & Standard

Product Name:	rac-Clopidogrel-d4 Hydrogen Sulfate	Catalogue Number:	C4X-102923
Synonyms:	N/A	Lot Number:	0828-RE-0020
CAS Number:	1219274-96-0	Expiry Date:	Mar 10, 2029
Molecular Formula:	$C_{16}H_{12}D_4ClNO_2S \cdot H_2O_4S$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	325.85 98.08	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.0%
Isotopic Purity		98.9%
Assay	qNMR	96.2%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 15, 2026

Date: Jul 15, 2026

Date: Jul 15, 2026



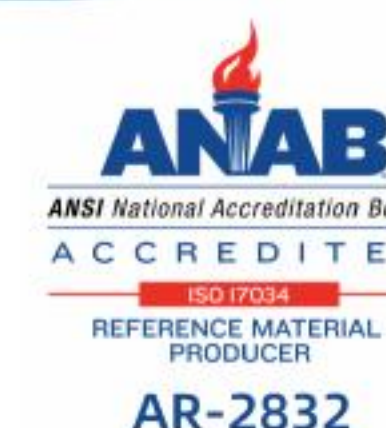
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