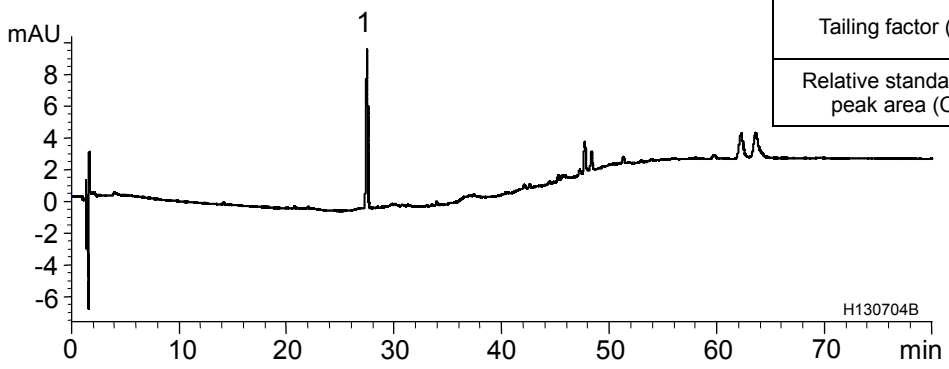
HPLC DATA SHEET

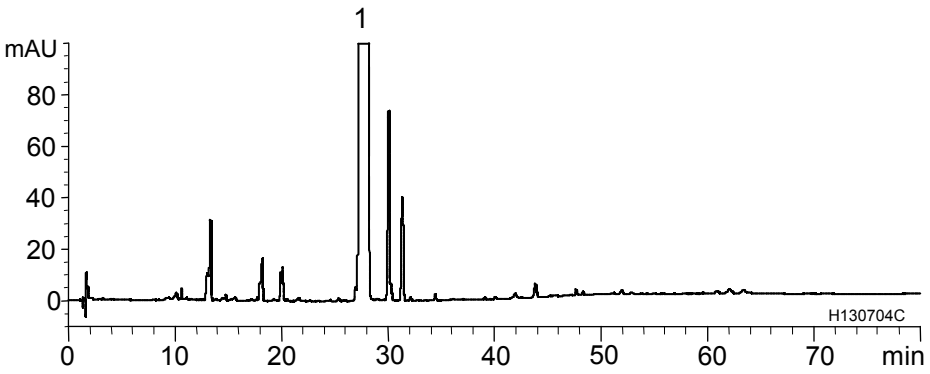
クロピドグレル硫酸塩（日本薬局方原案記載条件）
Clopidogrel Sulfate (The draft for the Japanese Pharmacopoeia) H130704D

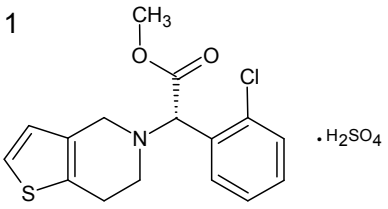
(A) Standard solution*1
(6.5 μg/mL Clopidogrel sulfate)

	System suitability requirement	Result
Theoretical plate number (Clopidogrel)	≧60000	155300
Tailing factor (Clopidogrel)	≦2.0	0.97
Relative standard deviation of peak area (Clopidogrel)	≦2.0%	0.30



(B) Sample solution*1
(6.5 mg/mL Clopidogrel sulfate)





Clopidogrel Sulfate

Column : YMC-Pack Pro C18 (5 μm, 12 nm)
150 X 4.0 mmI.D.
Eluent : A) buffer*2/methanol (19/1)
B) acetonitrile/methanol (19/1)
*2 *Dissolve 0.87 g of sodium 1-pentanesulfonate in 1000 mL water, adjust pH 2.5 with H_3PO_4*
10.5%B (0-3 min), 10.5-68.5%B (3-48 min), 68.5%B (48-68 min)
Flow rate : 1.0 mL/min
Temperature : 30℃
Detection : UV at 220 nm
Injection : 10 μL
(The draft for the Japanese Pharmacopoeia; Related substances)

*1 All standard and sample solutions were prepared from Clopidogrel sulfate supplied as a reagent for laboratory use.