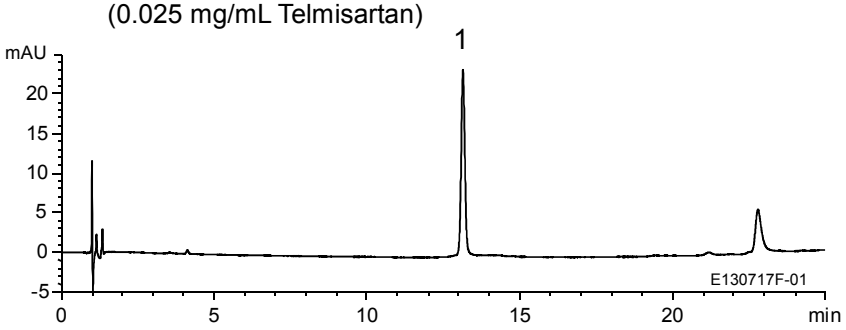
HPLC DATA SHEET

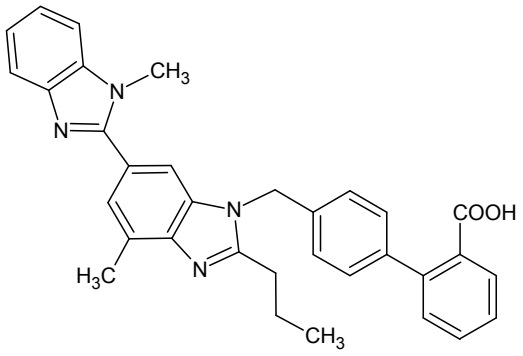
テルミサルタン（日本薬局方原案記載条件）
Telmisartan (The draft for the Japanese Pharmacopoeia)

E130717G

(A) Standard solution*1
(0.025 mg/mL Telmisartan)

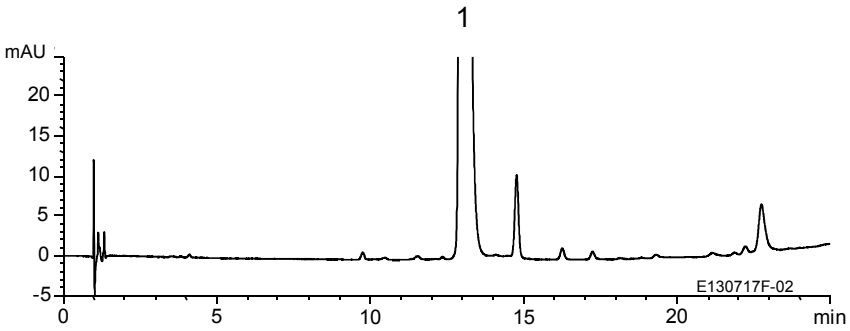


1



Telmisartan

(B) Test solution*1
(2.5 mg/mL Telmisartan)



	System suitability requirement	Result
Theoretical plate number (Telmisartan)	≧45000	56100
Tailing factor (Telmisartan)	≦1.2	1.06
Relative standard deviation of the peak area (Telmisartan)	≦5.0%	0.62%

Column	: YMC-Triart C18 (5 μm, 12 nm)
	125 X 4.0 mmI.D.
Eluent	: A) buffer (pH 3.0)*2
	B) acetonitrile/methanol (4 /1)
	30-80%B (0-25 min)
Flow rate	: 1.0 mL/min
Temperature	: 40℃
Detection	: UV at 230 nm
Injection	: 2 μL

*2 *Dissolve 2.0 g of KH_2PO_4 and 3.4 g of sodium 1-pentanesulfonate in 1000 mL water, adjust pH 3.0 with H_3PO_4 (1→10)*

(The draft for the Japanese Pharmacopoeia 16th; Related compounds)

*1 Standard and Test solutions were prepared from Telmisartan supplied as a reagent for laboratory use.