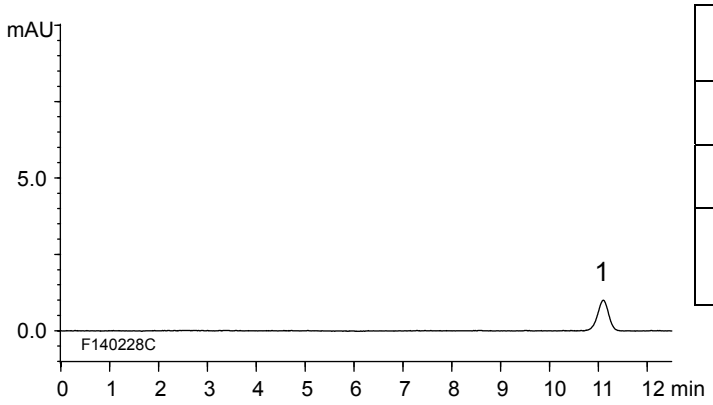
HPLC DATA SHEET

ドネペジル塩酸塩（日本薬局方記載条件）
Donepezil hydrochloride (The Japanese Pharmacopoeia)

F140312A

(A) Standard solution*3

(0.4 μg/mL Donepezil hydrochloride)

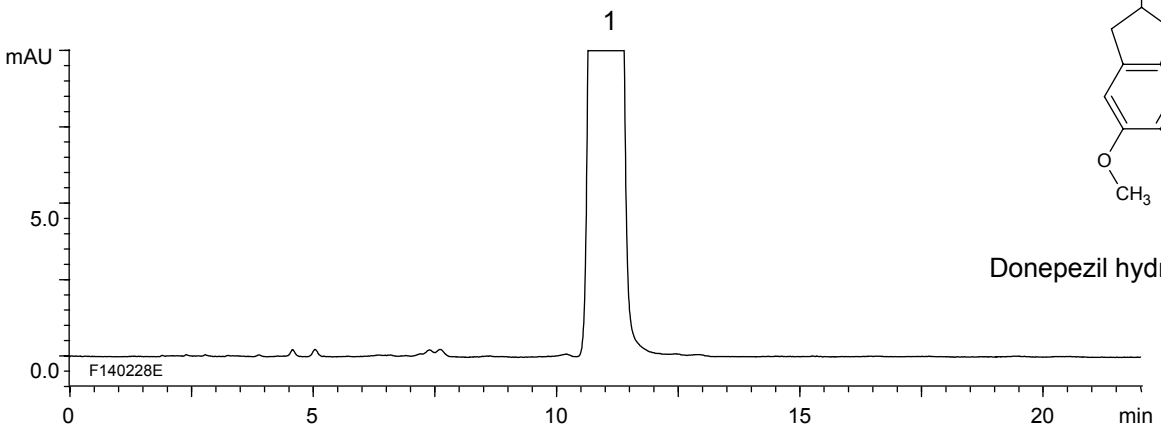


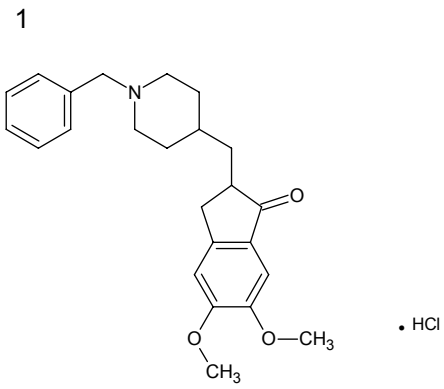
	System suitability requirement	Result
Theoretical plate number (Donepezil)	≧5000	11700
Tailing factor (Donepezil)	≦1.5	0.98
Relative standard deviation of the peak area (n=6) (Donepezil)	≦1.0 %*1 ≦2.0 %*2	0.68 %

*1 Assay
*2 Related substances

(B) Sample solution*3

(0.4 mg/mL Donepezil hydrochloride)





Donepezil hydrochloride

Column	: YMC-Pack ODS-A (5 μm, 30 nm) 150 X 4.6 mmI.D.
Eluent	: acetonitrile/water/perchloric acid (350/650/1) containing 2.5 g of sodium 1-decansulfonate
Flow rate	: 0.9 mL/min *(adjust the flow rate so that the retention time of donepezil is about 11 min)*
Temperature	: 35℃
Detection	: UV at 271 nm
Injection	: 20 μL

(The Japanese Pharmacopoeia 16th; Assay, Related substances)

*3 All standard and sample solution were prepared from Donepezil hydrochloride supplied as a reagent for laboratory use.