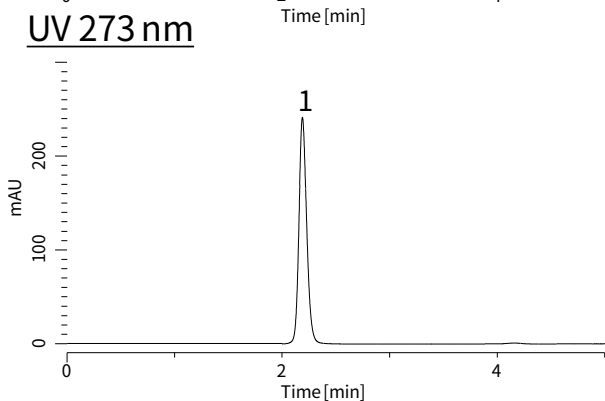
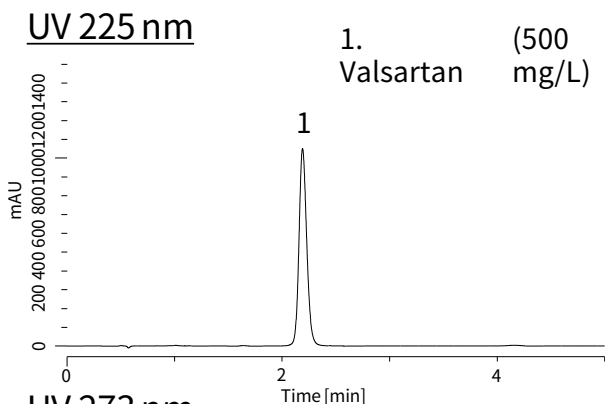


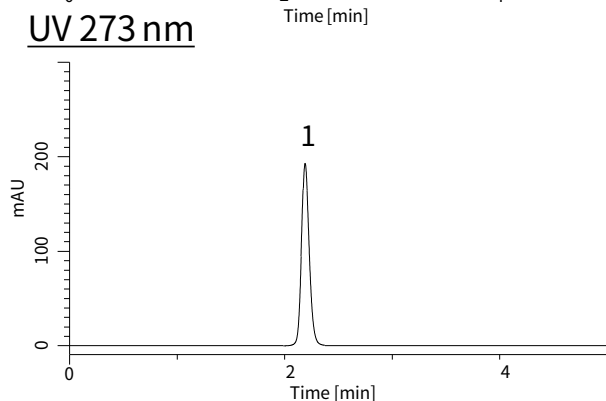
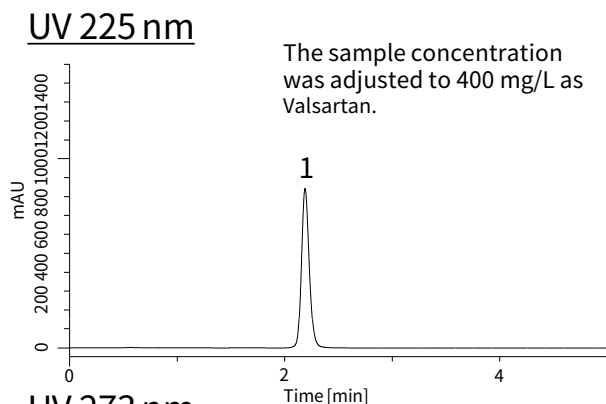
Valsartan is mainly used for treatment of high blood pressure. Valsartan dilates blood vessels and reduces blood pressure because it acts as an antagonist of angiotensin II receptor.

In this note, chromatograms of valsartan based on the condition described in the United States Pharmacopeia (USP) are shown. Using InertSustain C18, sharp peak was obtained from tablet samples as well as standard solution.

### Standard solution



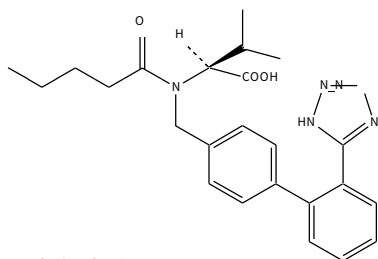
### Tablet sample



#### Conditions

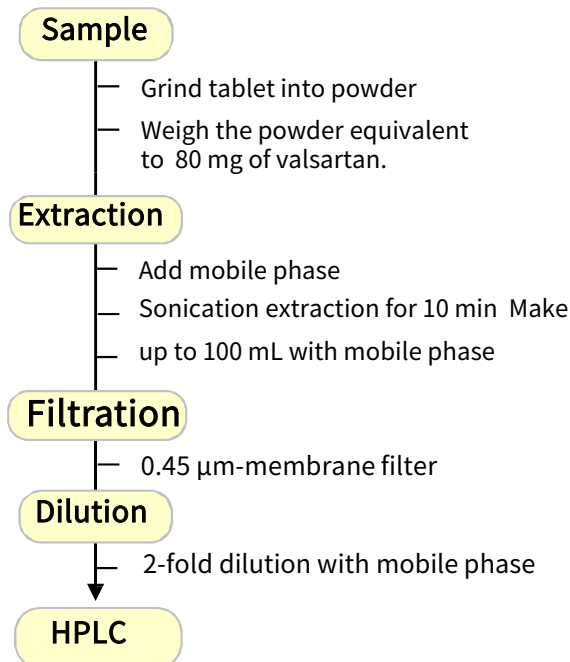
**Column** : InertSustain C18 HP (3  $\mu$ m, 50 x 4.6 mm I.D.)  
**Column Cat.** : 5020-14442  
**No. Eluent** : A) CH<sub>3</sub>CN  
 B) CH<sub>3</sub>COOH  
 C) H<sub>2</sub>O  
 A/B/C = 500/1/500, v/v/v  
**Flow rate** : 1.0 mL/min  
**Column Temp.** : 25 °C  
**Detection** : UV 225 nm and 273 nm  
**Injection Volume** : 5  $\mu$ L

## Chemical Structure



Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.

## A sample pretreatment method for tablet sample



GL Sciences disclaims any and all responsibility for any injury or damage which may be caused by this data directly or indirectly. We reserve the right to amend this information or data at any time and without any prior announcement.

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