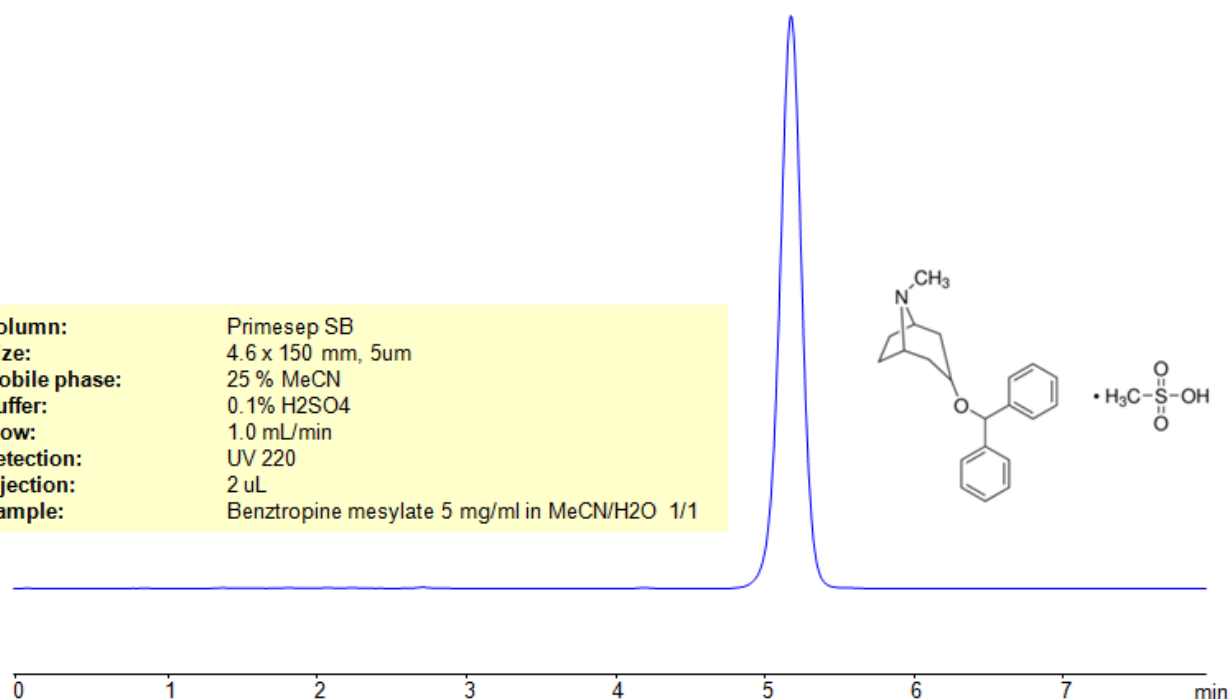
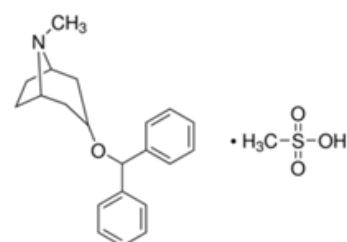


HPLC Method for Analysis of Benztropine mesylate on Primesep SB Column

<https://sielc.com/hplc-method-for-analysis-of-benztrapine-mesylate>

Chromatogram

Column: Primesep SB
Size: 4.6 x 150 mm, 5µm
Mobile phase: 25 % MeCN
Buffer: 0.1% H₂SO₄
Flow: 1.0 mL/min
Detection: UV 220
Injection: 2 µL
Sample: Benztropine mesylate 5 mg/ml in MeCN/H₂O 1/1



Benztropine mesylate

Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Benztropine methanesulfonate .

Benztropine is a medical drug used in treatment of patients with Parkinson's disease. It works as an acetylcholine blocker decreasing muscle stiffness. Benztropine can be retained in HPLC on Primesep SB mixed-mode column by hydrophobic and anion-exchange properties. The isocratic method uses a mobile phase of acetonitrile (ACN) and water with sulfuric acid buffer and UV detection at 220nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 25/75%
Buffer	H ₂ SO ₄ – 0.1 %
Flow Rate	1.0 ml/min
Detection	UV, 220 nm
Class of Compounds	Drug, Basic, Hydrophobic, Ionizable, Zwitterionic

HPLC Column Used

Primesep SB, 4.6 x 150 mm, 5 µm, 100 Å, dual ended[Order this column at hplc-shop.de →](https://www.hplc-shop.de)