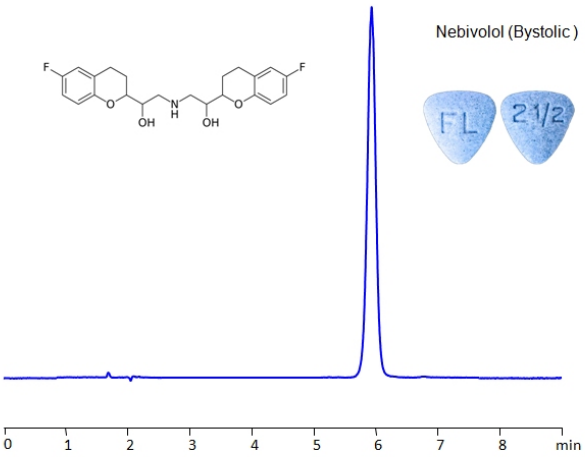
HPLC Method for Nebivolol Analysis in Bystolic Tablet Dosage Form on Primesep SB Column



Column:	Primesep SB
Column size:	4.6 × 150 mm, 3 µm
Column part number:	SB-46.150.0310
Mobile phase:	MeCN/H_2O – 25/75%
Buffer:	H_2SO_4 – 0.1%
Flow rate:	1.0 mL/min
Detection:	UV 285 nm

High Performance Liquid Chromatography (HPLC) Method for Analysis of Nebivolol , Bystolic .

Nebivolol is a beta-blocker with the chemical formula C22H25F2NO4 . It is an oral medication used to treat high blood pressure, but is not preferred to alternatives. Side effects of it include dizziness, fatigue, nausea, and headaches. You can find detailed UV spectra of Nebivolol , Bystolic and information about its various lambda maxima by visiting the following link.

Nebivolol can be retained in HPLC on Primesep SB reverse-phase (RP) mixed-mode column with embedded strong basic ion-pairing groups, using an isocratic analytical method with a simple mobile phase of water, acetonitrile (MeCN, ACN), and sulphuric acid (H2SO4) buffer. UV detection at 285 nm.

Method Parameters

Column	(Column variation not found)
Mobile Phase	MeCN/H2O – 25/75%
Buffer	H2SO4 – 0.1%
Flow Rate	1.0 mL/min
Detection	UV 285 nm

Quelle: https://sielc.com/hplc-method-for-nebivolol

AugustaChrom - Dr. Roland Kießwetter
Tel.: +49 821 599 783 70
Fax: +49 821 599 783 71
E-Mail: info@hplc-shop.de