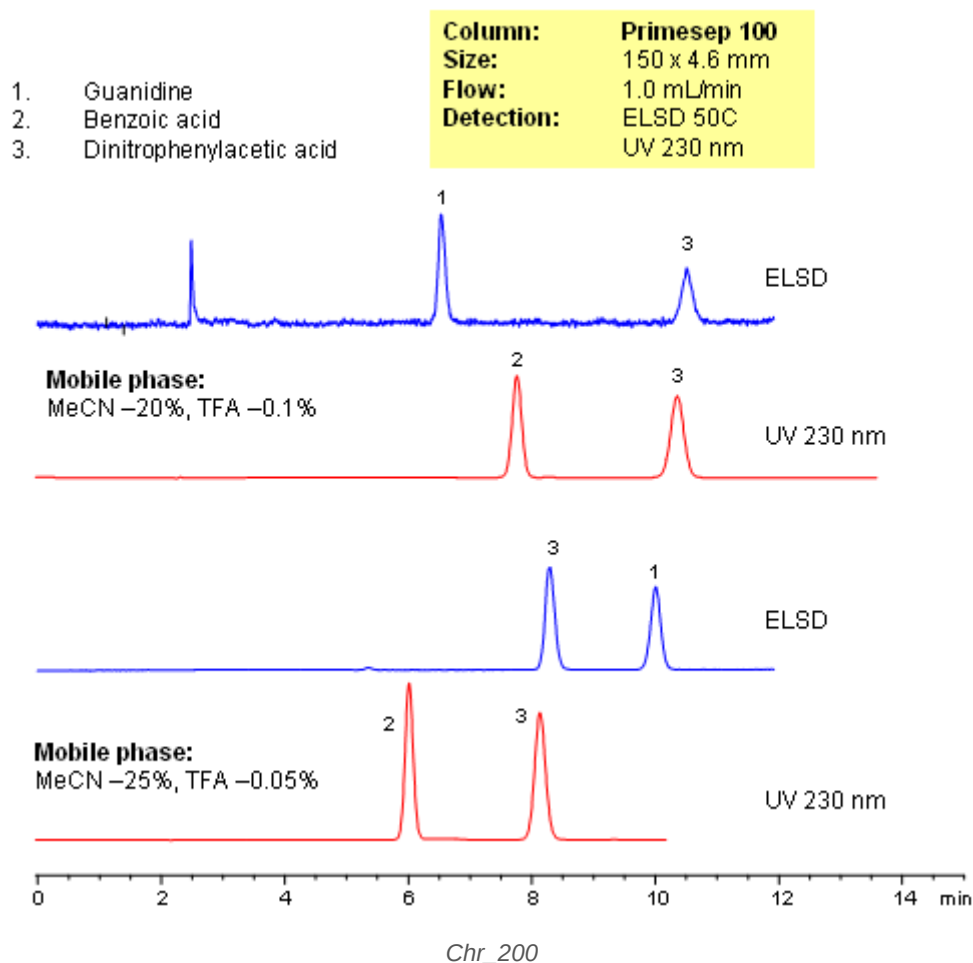


HPLC Analysis of Bivalirudin on Promix MP colum

<https://sielc.com/hplc%20analysis%20of%20bivalirudin>

Chromatogram



Description

Bivalirudin is a short 21 amino acids peptide. It has 2 basic and 6 acidic groups. It is a naturally occurred an anticoagulant. Asp 9 – bivalirudin is a process impurity and can be a result of degradation of bivalirudin drug.

Method Parameters

Mobile Phase	Gradient MeCN – 30-60%, 35 min
Buffer	Na2HPO4 pH 3.0- 20 mM
Flow Rate	1.0 ml/min
Detection	UV, 215 nm
Class of Compounds	Acid, Hydrophilic, Ionizable, Blood thinners
Analyzing Compounds	Bivalirudin

HPLC Column Used

Promix MP, 4.6×250 mm, 5 µm, 100A

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)