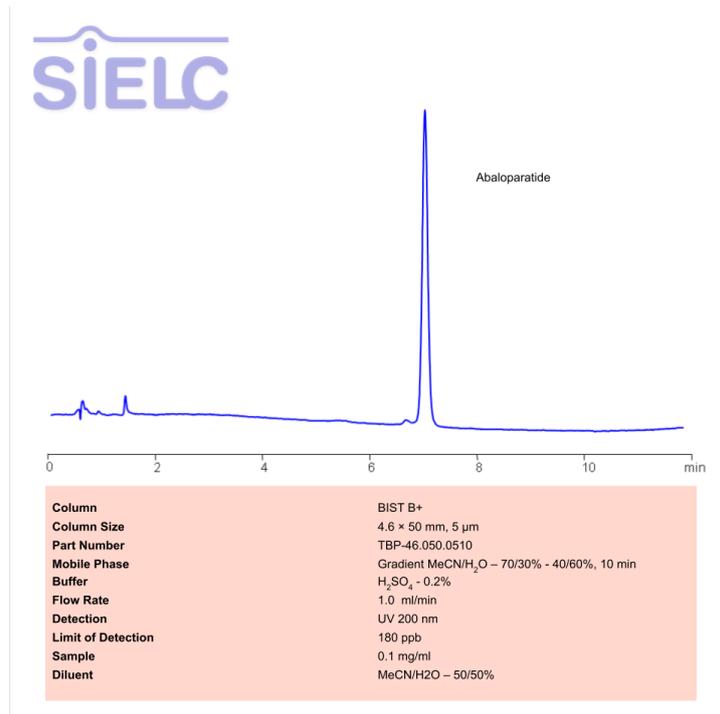


HPLC Method for Analysis of Abaloparatide on BIST B+ Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Abaloparatide

Abaloparatide is a 34-amino acid parathyroid hormone-related protein (PTHrP) analogue with the molecular formula C₁₇₄H₂₉₉N₅₆O₄₉. It is used to treat osteoporosis in postmenopausal women who are intolerant to other available osteoporosis therapy. It is also used to increase bone density in men with osteoporosis.

Abaloparatide can be retained and analyzed using the BIST B+ stationary phase column. The analysis utilizes an gradient method with a simple mobile phase consisting of water and acetonitrile (MeCN). Detection is performed using UV.

Method Parameters

Column	BIST B+, 4.6 x 50 mm, 5 µm, 300 Å, dual ended
Mobile Phase	MeCN – 70-40%
Buffer	Sulfuric Acid
Flow Rate	1.0 mL/min
Detection	UV 200

Quelle: <https://sielc.com/hplc-method-for-analysis-of-abaloparatide>