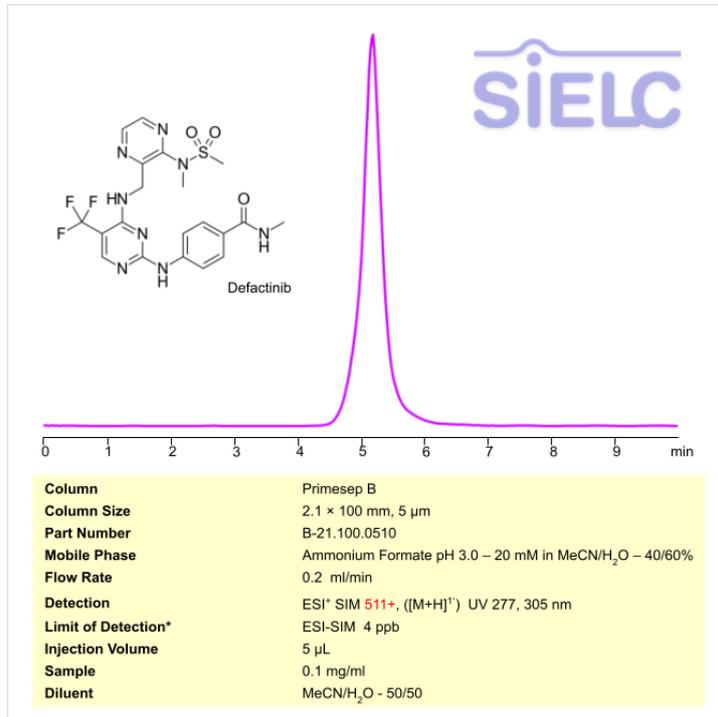


LC MS-HPLC Method for Analysis of Defactinib on Primesep B Column



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

Defactinib is a focal adhesion kinase (FAK) inhibitor with the chemical formula C₂₀H₂₁F₃N₈O₃S. It was developed by Pfizer as potential treatment for solid tumors. You can find detailed UV spectra of Defactinib and information about its various lambda maxima by visiting the following link.

Defactinib can be retained and analyzed using the Primesep B stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a sulfuric acid buffer. Detection is performed using UV.

Method Parameters

Column	Primesep B, 2.1 x 100 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H ₂ O – 40/60%
Buffer	AmFm pH 3.0 – 10 mM
Flow Rate	0.2 mL/min
Detection	ESI + SIM511+, ([M+H] 1 +) UV 277, 305 nm

Quelle: <https://sielc.com/lc-ms-hplc-separation-of-defactinib>