

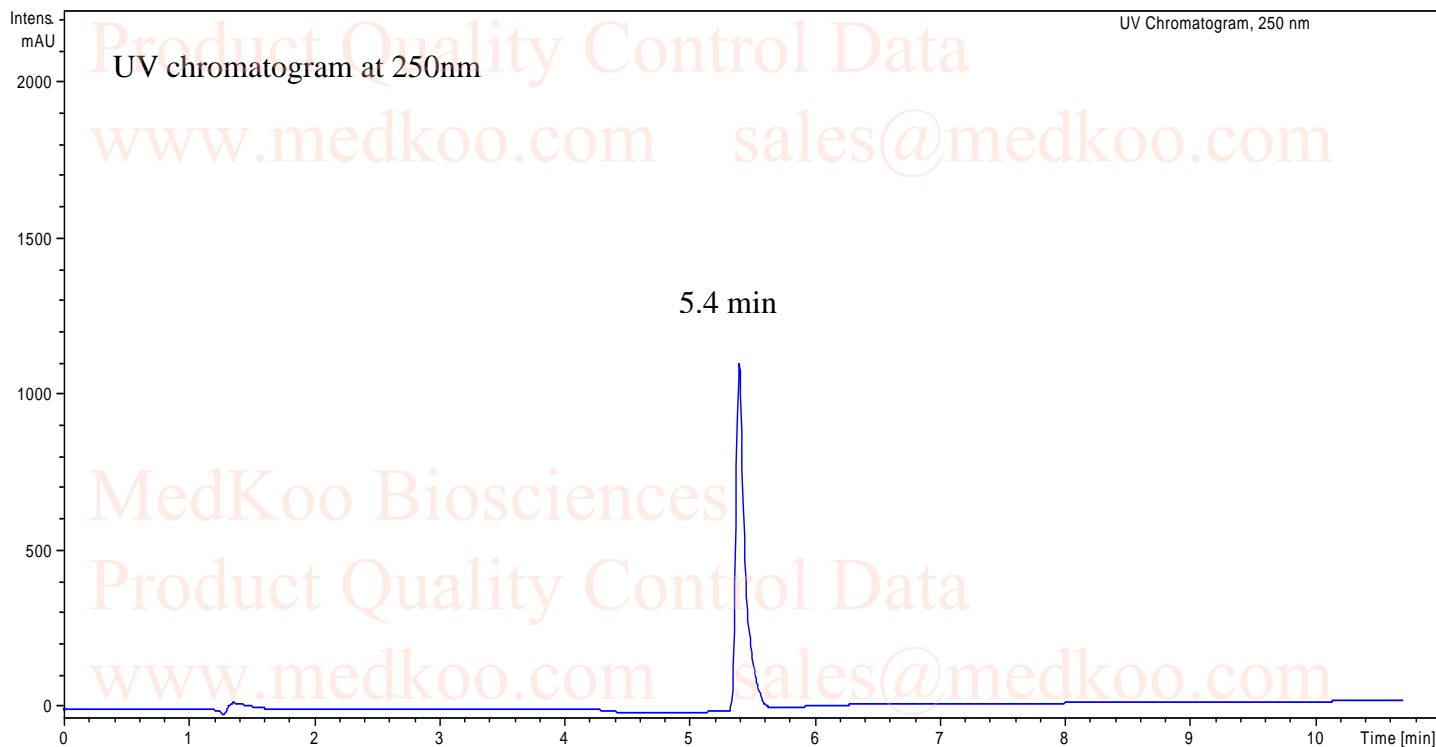


LC-MS Analytical Report

MedKoo Cat#:	Product Name:	Lot#
100300	Erlotinib hydrochloride	EOS50121

- Instrument: Agilent LC/MS system (1100 HPLC and MSD Trap XCT Plus mass spectrometer with UV-Vis detector).
- HPLC condition:
 - Mobile phase A: H₂O with 0.1% formic acid; Mobile phase B: ACN with 0.1% formic acid.
 - Flow rate: 0.25 ml/min.
 - Column: Phenomenex Gemini 3u C₆-phenyl 110 A (100 × 2 mm).
 - Gradient: 0-1 min, 50% A; 5-8.5 min, 0% A.
- MS condition: Nebulizer, dry gas and dry temperature are 30 psi, 8L/min, and 350°C, respectively.

Sample preparation: Erlotinib hydrochloride (dissolved in 200 µL DMSO and 200 µL MeOH):

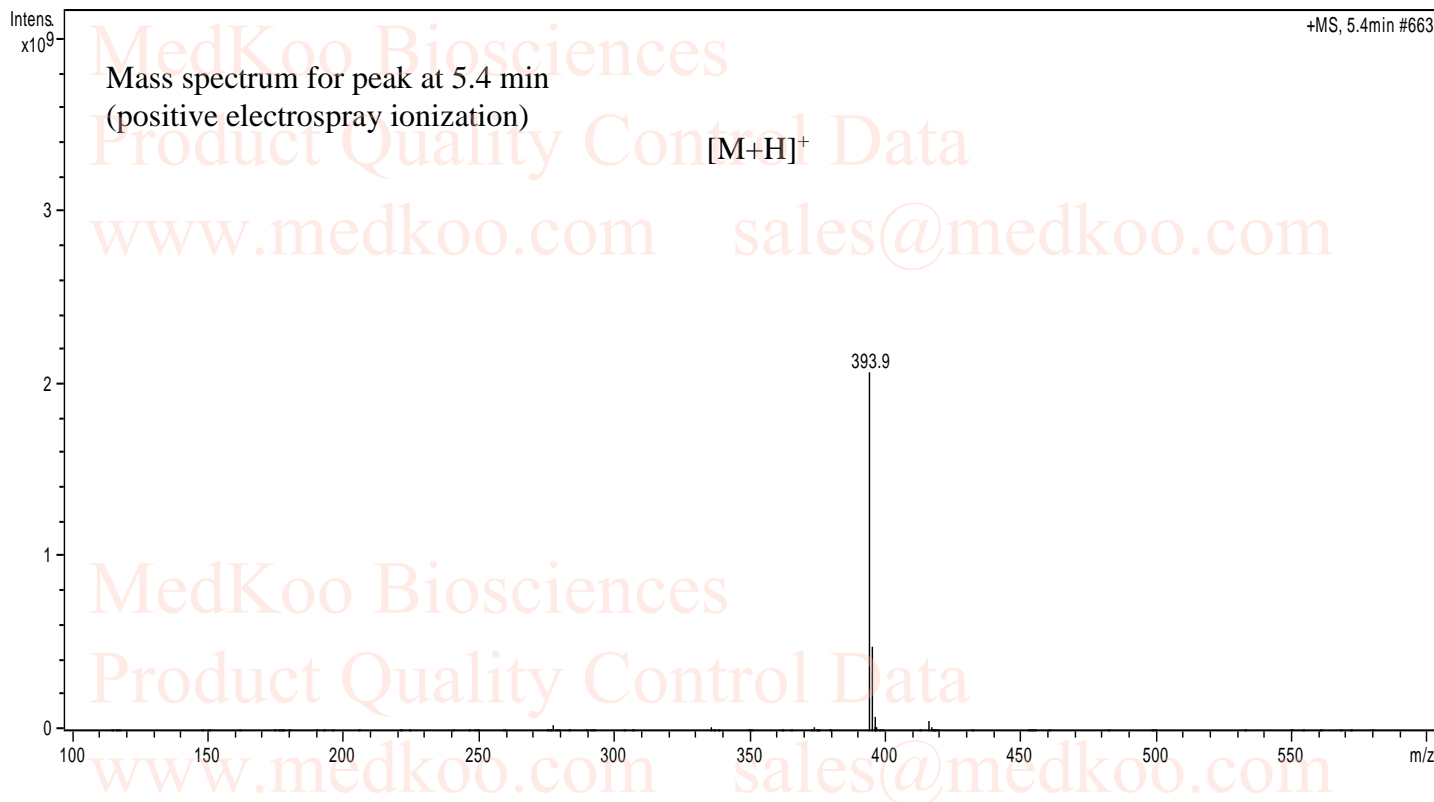




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Chemical structure	CAS# and Theoretical analysis
<p>H-Cl</p>	MedKoo Cat#: 100300 Name: Erlotinib hydrochloride CAS#: 183319-69-9 Lot#: EOS50121 Chemical Formula: C ₂₂ H ₂₄ ClN ₃ O ₄ Molecular Weight: 429.9 <i>Erlotinib fee base</i> Chemical Formula: C ₂₂ H ₂₃ N ₃ O ₄ Exact Mass: 393.16886; Molecular Weight: 393.44



Note: m/z 394 is free base of erlotinib (no HCl)