

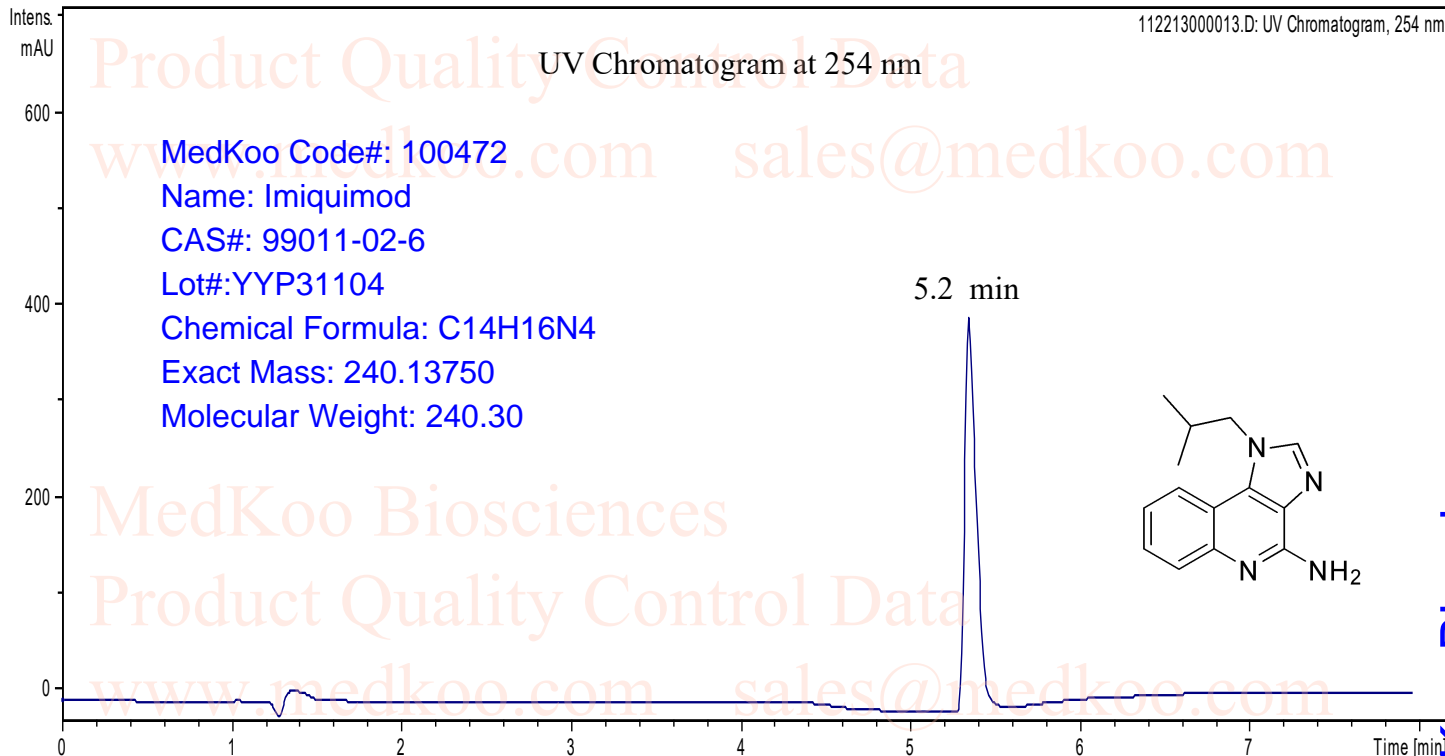


LC-MS Analytical Report

MedKoo#	Product name	Lot#
100472	Imiquimod	YYP31104

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

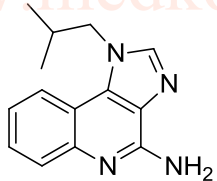
Imiquimod (dissolved in 300 µL DMSO and 100 µL MeOH):





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Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 100472 Name: Imiquimod CAS#: 99011-02-6 Lot#YYP31104 Chemical Formula: C ₁₄ H ₁₆ N ₄ Exact Mass: 240.13750 Molecular Weight: 240.30

