

Antiproliferative Activity of a New Quinazolin-4(3H)-One Derivative via Targeting Aurora Kinase A in Non-Small Cell Lung Cancer

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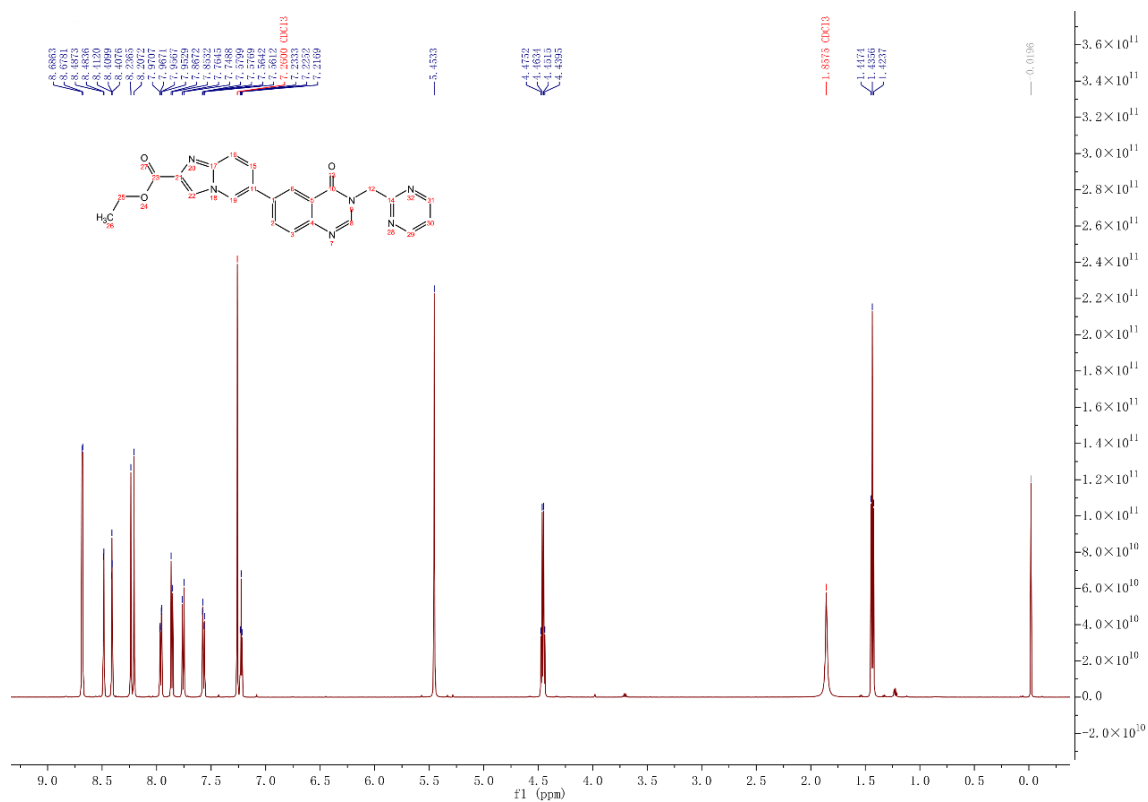


Figure S1. ¹H-NMR spectra

¹H-NMR (600 MHz, CDCl₃) δ 8.68 (d, *J* = 4.9 Hz, 2H), 8.49 (d, *J* = 2.2 Hz, 1H), 8.41 (d, *J* = 1.8 Hz, 1H), 8.24 (s, 1H), 8.21 (s, 1H), 7.96 (dd, *J* = 2.2, 8.4 Hz, 1H), 7.86 (d, *J* = 8.4 Hz, 1H), 7.76 (d, *J* = 9.4 Hz, 1H), 7.57 (dd, *J* = 1.8 Hz, 9.4 Hz, 1H), 7.23 (t, *J* = 4.9 Hz, 9.4 Hz, 1H), 5.45 (s, 2H), 4.46 (q, *J* = 7.1, 2H), 1.44 (t, *J* = 7.1 Hz, 3H).

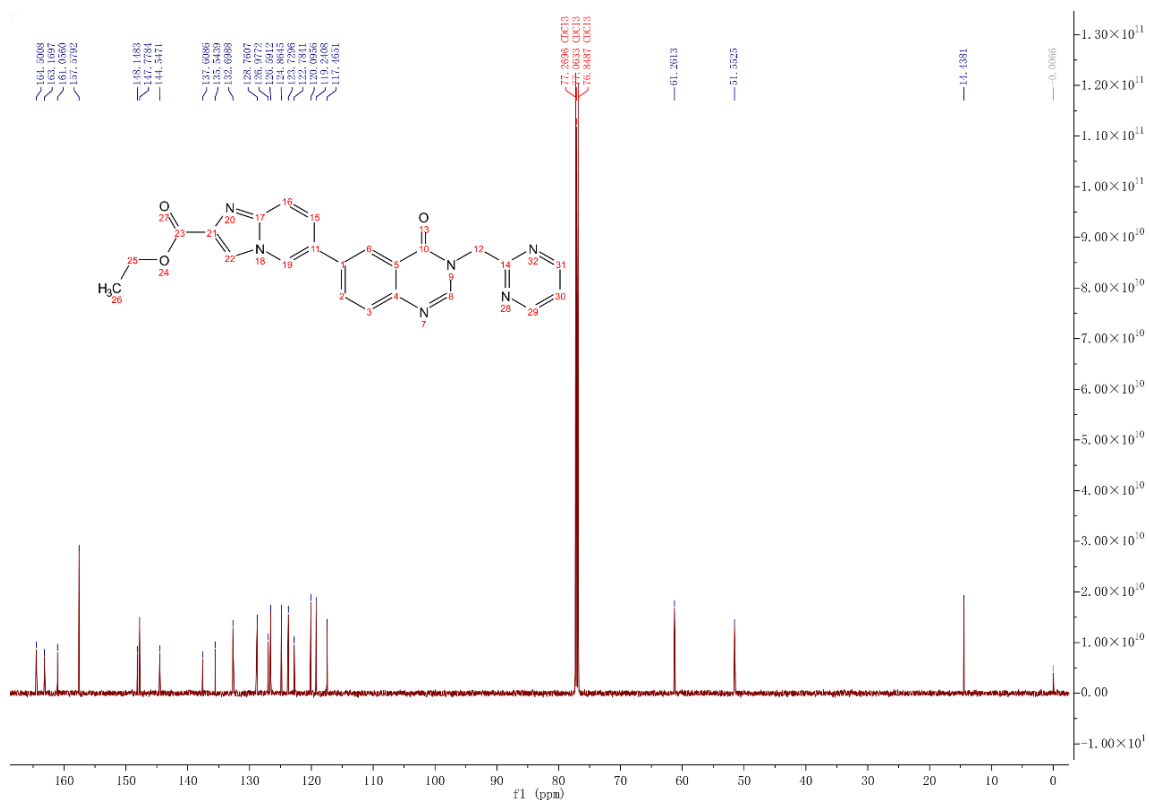


Figure S2. ¹³C-NMR spectra

¹³C-NMR (151 MHz, CDCl₃) δ 164.50, 163.17, 161.06, 157.58, 148.15, 147.78, 144.54, 137.61, 135.54, 132.70, 128.76, 126.98, 126.59, 125.0, 123.8, 122.9, 120.2, 119.3, 117.6, 61.4, 51.7, 14.5.

BHQO-19 RT: 0.11 AV: 1 NL: 3.88E8
T: FTMS + p ESI Full ms [120.0000-1300.0000]

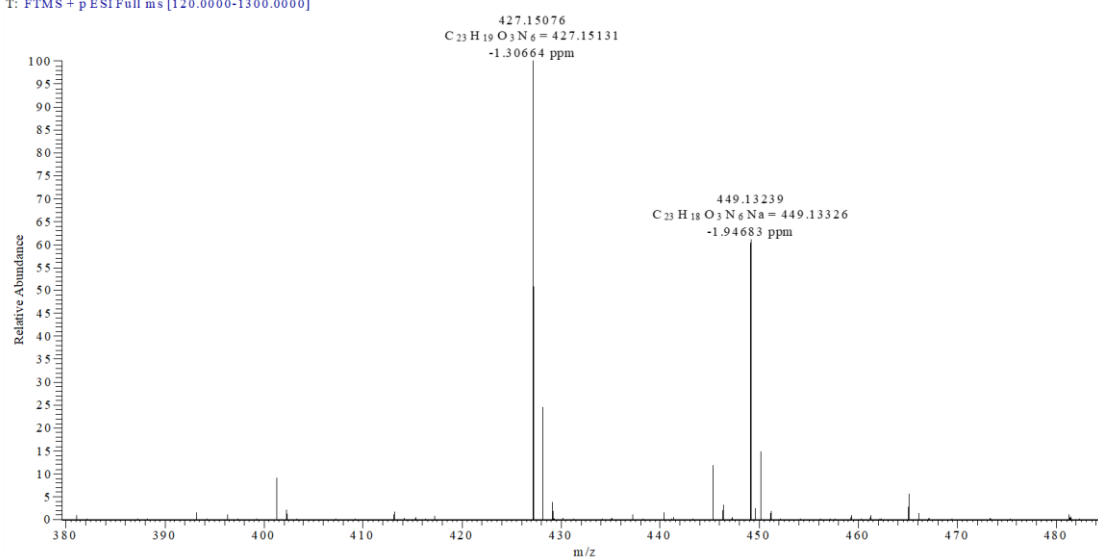


Figure S3. High resolution mass spectra

HRMS (ESI-QTOF) m/z Calcd. For $C_{23}H_{19}O_3N_6$ $[M+Na]^+$ m/z: 449.1333, found: 449.1324.