Supplementary information

A novel benzoxazinone derivative YLT-LL-11 inhibits diffuse large B-cell lymphoma growth *via* inducing cell cycle arrest and apoptosis

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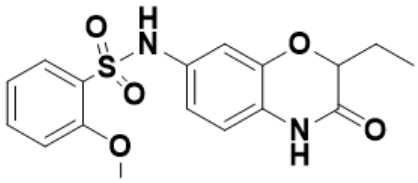
The structure of the YLT-LL-11 was characterized by nuclear magnetic resonance (NMR) and mass spectrometry (MS).



^{1}H NMR (400 MHz, DMSO-d_6) δ 10.49 (s, 1H), 9.80 (s, 1H), 7.71 (dd, *J* = 7.8, 1.7 Hz, 1H), 7.59 – 7.52 (m, 1H), 7.16 (d, *J* = 8.3 Hz, 1H), 7.01 (t, *J* = 7.6 Hz, 1H), 6.67 (d, *J* = 4.4 Hz, 3H), 4.41 (dd, *J* = 7.8, 4.5 Hz, 1H), 3.89 (s, 3H), 1.74 (m, *J* = 7.4, 4.5 Hz, 1H), 1.65 (m, *J* = 14.5, 7.4 Hz, 1H), 0.91 (t, *J* = 7.4 Hz, 3H).

^{13}C NMR (101 MHz, DMSO-d_6) δ 166.27, 156.79, 143.01, 135.48, 133.48, 130.75, 126.66, 124.10, 120.51, 115.95, 114.57, 113.22, 109.16, 77.55, 56.54, 23.67, 9.51.

Mass spectrometry (ESI, *m/z*): 361.0869 $[M-H]^-$.

Supplementary Table 1 Primers used in real-time PCR

Application	sequences (5' to 3')
c-Myc-forward	GCCACGTCTCCACACATCAG
c-Myc-reverse	TCTTGGCAGCAGGATAGTCCTT
BRD4- forward	ACCTCCAACCCTAACAAGCC
BRD4-reverse	TTTCCATAGTGTCTTGAGCACC
GAPDH- forward	GCGATGCTGGCGCTGAGTACGTCG
GAPDH-reverse	GGGCATCAGCAGAGGGGGCAGAGA