Supplementary Information for

## Design, synthesis and evaluation of nitric oxide releasing derivatives of 3-*n*-butylphthalide as antiplatelet and antithrombotic agents

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1	<sup>1</sup> H and <sup>13</sup> C NMR spectra scans of 6a-6f, 7a-7l and 8	S2
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2 HPLC conditions and chromatograms of 7a-71 S21













































































## 2. HPLC conditions and chromatograms of 7a-7l

## **HPLC conditions:**

Column: Shimadzu OD 250\*4.6 mm, 5 µm

Mobile phase: 0.1% trifluroactetic acid in water (mobile phase A) and 0.1% trifluroacetic acid in acetonitrile (mobile phase B) were used as eluent for HPLC analyses. a gradient of 35-90% B in 15 min, keep 90% B for additional 3 min;

Wavelength: 254 nm;

Rate: 1 mL/min;

Temperature: 40 °C; Pressure: 90-122 kgf.

HPLC chromatograms:



7e, 99%;

0-----

2.5

5.0

7.5

10.0

12.5

15.0

min





7g, 95.2%;



7h, 95.3%;











7k, 97.5%;

