

# **The antimicrobial and cytotoxicity properties of new dibrominated 1,3-dithiolium flavonoids**

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## **Supplementary Material**

<b>1. Elemental analysis</b>	<b>S2</b>
<b>2. Copies of <math>^{13}\text{C}</math> NMR spectra</b>	<b>S3-S10</b>
<b>3. Copies of <math>^1\text{H}</math> NMR spectra</b>	<b>S11-S14</b>

## 1. Elemental analysis

Elemental analyses (C, H) were conducted using a CE440 Elemental Analyser; the results were found to be in good agreement ( $\pm 0.3\%$ ) with the calculated values.

**Table S1.** Elemental analysis data for the newly synthesized flavanones **4a-d** and tricyclic flavonoids **5a-d**.

Compound	% C		% H	
	calcd.	found	calcd.	found
<b>4a</b>	45.38	45.58	3.62	3.39
<b>4b</b>	46.42	46.62	3.90	2.98
<b>4c</b>	47.41	47.69	4.16	3.99
<b>4d</b>	45.09	45.27	3.78	3.59
<b>5a</b>	40.10	40.21	3.03	3.24
<b>5b</b>	41.14	41.31	3.29	2.99
<b>5c</b>	42.13	42.39	3.54	3.29
<b>5d</b>	40.09	40.21	3.20	3.02

























