**Synthesis and Characterization of Novel 2-Amino-Chromene-Nitriles that Target Bcl-2 in Acute Myeloid Leukemia Cell lines**

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**Table S1.**

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| --- | --- | --- |
| **Sample** | **Early apoptotic cells** **(%)** | **Late apoptotic cells** **(%)** |
| **MOLM13 Control****MOLM 13 + 4g (48hr**)**MOLM 13 + 4g (72hr**) | **10 ± 0.2****20 ± 3****56 ± 5** | **3 ± 0.1****6 ± 0.5****19 ± 3** |
| **MOLM14 Control****MOLM 14 + 4g (48hr**)**MOLM 14 + 4g (72hr**) | **6 ± 0.3****10 ± 2****59 ± 6** | **1 ± 0.2****2 ± 0.2****27 ± 3** |
| **MV4-11 Control****MV4-11 + 4g (48hr**)**MOLM 13 + 4g (72hr**) | **5 ± 0.1****7 ± 2****56 ± 8** | **1****2 ± 0.5****31± 5** |
| **HL-60 Control****HL-60 + 4g (48hr**)**HL-60 + 4g (72hr**) | **10 ± 0.4****14 ± 4****43 ± 5** | **2 ± 0.1****4 ± 0.2****11 ± 3** |

**Table S1:** Quantification of early apoptotic and late apoptotic cells (%). AML cells were cultured with 4g (5 μM) for either 48 or 72 hours and propidium iodide (PI) and FITC conjugated Annexin V positive cells were enumerated. Results are a representative experiment. The experiments were done three times in triplicates.