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(54) Title: POTENT AND SELECTIVE COMPOUNDS AS SEROTONIN 1B RECEPTOR MODULATORS

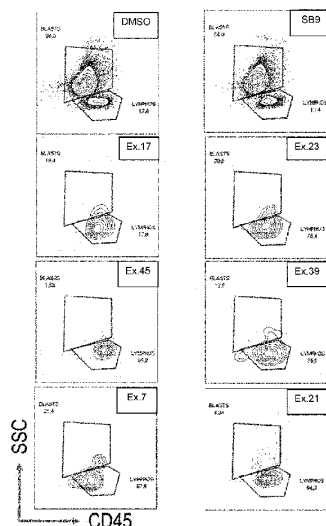
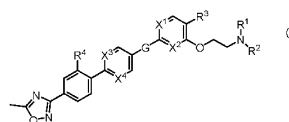


Figure 1 Flow cytometry histograms representing selectivity of several compounds.
Legend: Blast (leukemic cells), Lympho (healthy cells), Number: % lives cells, SSC: side scatter, CD45: receptor-linked protein tyrosine phosphatase that is expressed on all leucocytes.



(57) Abstract: The present invention relates to new compounds of formula (I): as modulators of serotonin receptor 1B (5-HT_{1B}) also known as 5-hydroxytryptamine receptor 1B (5-HT_{1B}). The compounds are of potential utility in the treatment of diseases and conditions mediated by serotonin receptor type 1B (5-HT_{1B}), such as cancer, including blood cancer and solid tumors, respiratory diseases and hepatic disorders.

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