

Design, synthesis and evaluation of 2-aryl benzoxazoles as promising hit for the A_{2A} receptor

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Supplementary material

Table 4: Preliminary selectivity studies of F1

Cpd.	A _{2A} (μM) ^a	A ₁ (μM) ^b	%I (A _{2B}) (10 μM) ^c	%I (A ₃) (10 μM) ^d
F1	1.0±0.08	2.5	73	11

^a Displacement of specific [³H]-ZM 241385 (2 nM) binding to hA_{2A} receptors stably expressed in HEK293 cells. ^b Displacement of specific [³H]-DPCPX (1 nM) binding to hA₁ receptors stably expressed in CHO cells. ^c Displacement percentage of [³H]-CPX (5 nM) binding to hA_{2B} receptors stably expressed in HEK293 cells at 10 μM. ^d Displacement percentage of [¹²⁵I]-AB-MECA (0.15 nM) binding to hA₃ receptors stably expressed in HEK293 cells at 10 μM.