

# Accepted Manuscript

A<sub>2</sub>B adenosine receptor antagonists: Design, synthesis and biological evaluation of novel xanthine derivatives

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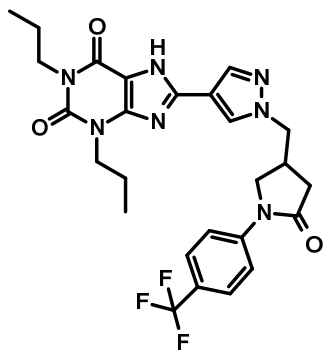
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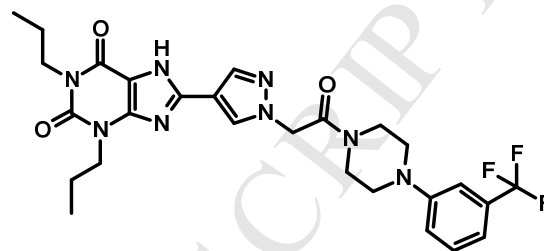
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## Graphical abstract

**31**hA<sub>2</sub>B binding  $K_i$  = 1.0 nMhA<sub>2</sub>B functional  $K_i$  = 0.9 nMA<sub>1</sub>/A<sub>2</sub>B = 108 fold

%F = 27

**65**hA<sub>2</sub>B binding  $K_i$  = 1.5 nMhA<sub>2</sub>B functional  $K_i$  = 4.0 nMA<sub>1</sub>/A<sub>2</sub>B = 118 fold

%F = 65

Showed efficacy in Ovalbumin treated mice

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