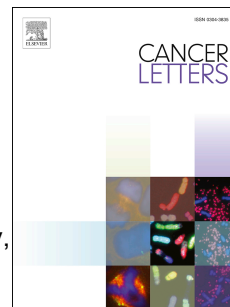


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Pyrazolo[1,5-a]pyrimidine TRPC6 Antagonists for the Treatment of Gastric Cancer

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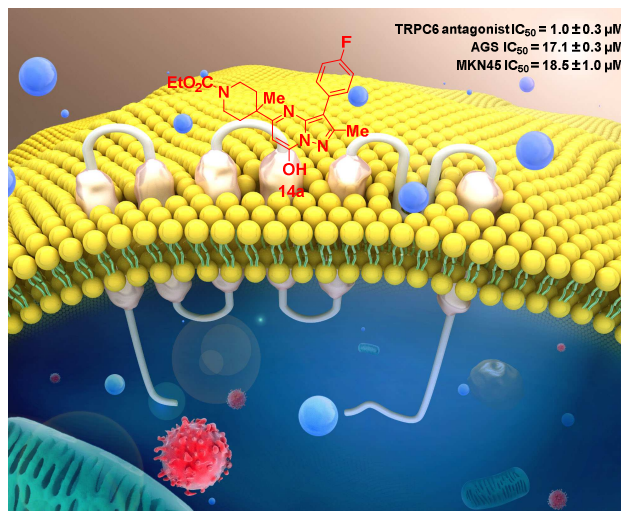
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Graphical Abstracts



Highlights

- A potent TRPC6 antagonist **14a** with the pyrazolopyrimidine skeleton was identified with an IC_{50} of $\sim 1 \mu M$.
- **14a** suppressed proliferation of AGS and MKN45 cells as well as gastric tumor growth in a xenograft model for the first time.
- **14a** specifically inhibited TRPC3/6/7 (TRPC6 > C7 > C3) with a very weak effect on TRPC4 and no effect on other TRP channels.

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