Novel orally bioavailable macrocycles that target cyclin A and B elicit antitumor activity in breast cancer patient-derived xenograft models

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 and ovarian cancer xenogratt modes (AACR 2023 poster \#1560).
Here, we test the antitumor activity of a cyclin A/B inhibitor CID-016 (CRT7-7327) in patient-derived xenogratt (PDX) modeds foom breast cancer A Athough the focus of this work son the effects of this compound in pred inical breast cancer models, cyclin $A / B$ inhibitors have potential therapeutic application in a broader range of indications (Figure 2).






3. Oral treatment with CIR7-7321 resulted in tumor regression in breast cancer PDX models and was well tolerated with no significant body weight changes




4. PD analysis of luminal breast cancer model (PDX 474.7) tumor tissue shows reduction of Ki67 expression after 5 days of treatment with CIR7-7321


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