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Design, synthesis, biological evaluation and cocrystal structures with tubulin of chiral β -lactam bridged combretastatin A-4 analogues as potent antitumor agents

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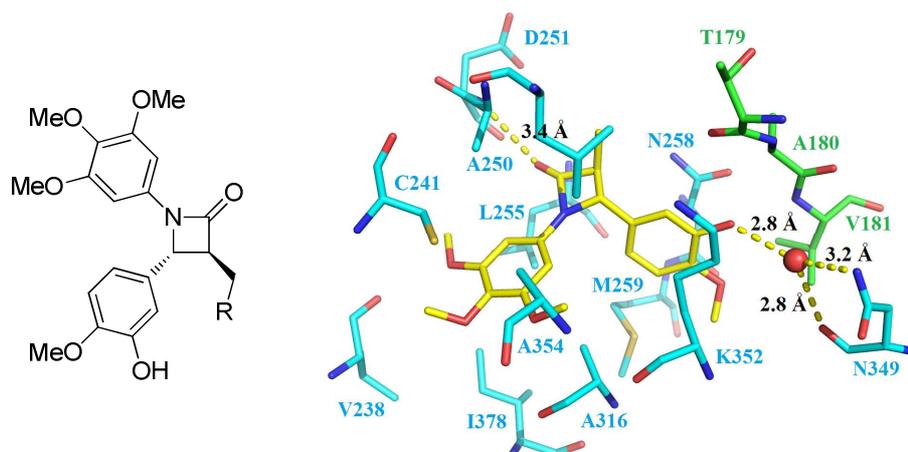
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Graphical Abstract



A series of 3-substituted-1,4-diaryl-2-azetidinones were asymmetrically synthesized and SARs revealed that the stereochemistry were critically important for the antiproliferative activity.

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