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Verticillin A inhibits colon cancer cell migration and invasion by targeting *c-Met*

Key words：**Verticillin A, Colon cancer, Migration, Invasion, c-Mesenchymal-epithelial transition factor**

Research Summary

This article mainly focused on the natural compound Verticillin A' anti-metastasis function in human colon cancer cells and discovered the molecular mechanism in the following aspects:

- **Targeting C-Met at the transcriptional level**
- **suppressing c-Met phosphorylation**
- **inhibiting c-Met downstream Ras/Raf/MEK/ERK signaling pathways**

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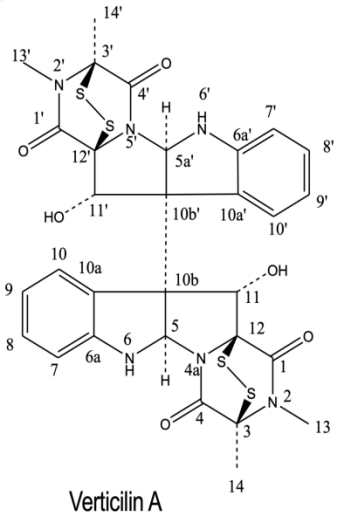
Innovation points

●Verticillin A could effectively suppress colon cancer cell migration and invasion *in vitro and in vivo*.

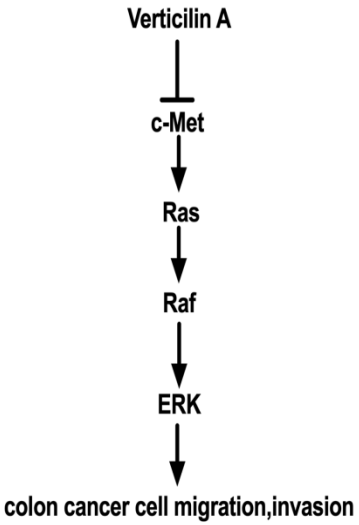


●Verticillin A is a potent c-Met inhibitor.

●Verticillin A inhibited the phosphorylation of c-Met downstream molecules including Ras / Raf / ERK



Verticilin A



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