Structure elucidation of 10,11-Epoxyjanthitrem B and isolation of Janthitrem B from *Penicillium janthinellum* cultures

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Since janthitrems isolated from ryegrass infected with AR37 also contain a 10,11-epoxide, the more readily available analogue from *Penicillium* will provide an excellent surrogate for use in chemical and biological assays.

![11,12-epoxyjanthitrem G](image)

Isolation of other novel janthitrems from *Penicillium* spp. is underway and should provide an insight into the structure-activity of this little-studied group of indole-diterpenoids.

**Keywords:** endophyte, janthitrems, tremorgen, indole-diterpenoid

**REFERENCES**


