

## Anthraquinones and sesquiterpenes produced by the fungus *Tinctoporellus* sp. CBMAI 1061 after degradation of the RBBR dye

Julie P. G. Rodriguez<sup>a</sup>, David. E. Williams<sup>b</sup>, Isadora D. Sabater<sup>a</sup>, Rafaela C. Bonugli-Santos<sup>c</sup>, Lara D. Sette<sup>cd</sup>, Raymond J. Andersen<sup>b</sup> and Roberto G. S. Berlinck<sup>a</sup>

<sup>a</sup>Instituto de Química de São Carlos, Universidade de São Paulo, São Carlos, SP.  
E-mail: [juliepaulin@iqsc.usp.br](mailto:juliepaulin@iqsc.usp.br)

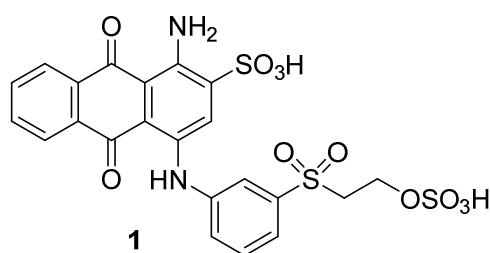
<sup>b</sup>Departments of Chemistry and Earth, Ocean & Atmospheric Sciences, University of British Columbia, Vancouver, Canada.

<sup>c</sup>Divisão de Recursos Microbianos, Centro Pluridisciplinar de Pesquisas Químicas, Biológicas e Agrícolas, Universidade Estadual de Campinas, SP.

<sup>d</sup>Departamento de Bioquímica e Microbiologia, Instituto de Biociências, Universidade Estadual Paulista “Júlio de Mesquita Filho”, Rio Claro, SP.

### Abstract:

Synthetic dyes are key components in various industrial processes of high economic value, but are also recalcitrant chemicals difficult to degrade and potentially environmentally harmful.<sup>1</sup> Remazol Brilliant Blue R (RBBR) (**1**) is a synthetic dye considered as potentially toxic.<sup>2</sup> The marine-derived fungus *Tinctoporellus* sp. CBMAI 1061 was found to degrade RBBR efficiently.<sup>3</sup> The present investigation reports the isolation and identification of the anthraquinone RBBR degradation products. Investigation of the culture medium obtained from the RBBR biotransformation by *Tinctoporellus* sp. CBMAI 1061 has also resulted in the isolation of new tremulene terpenes.



### References

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### Acknowledgments

BIOTA/BIOprospecTA FAPESP program (grants 2010/50190-2 and 2013/50228-8) and a CNPq for financial support.