

# PRODUCT INFORMATION



**F-14329**

Item No. 29999

**CAS Registry No.:** 942195-19-9  
**Formal Name:** (3Z,5S)-3-[(2S,4S,6E)-1-hydroxy-2,4-dimethyl-6-octen-1-ylidene]-5-[(S)-hydroxy(4-hydroxyphenyl)methyl]-2,4-pyrrolidinedione

**Synonym:** Tolypocladenol B

**MF:** C<sub>21</sub>H<sub>27</sub>NO<sub>5</sub>

**FW:** 373.4

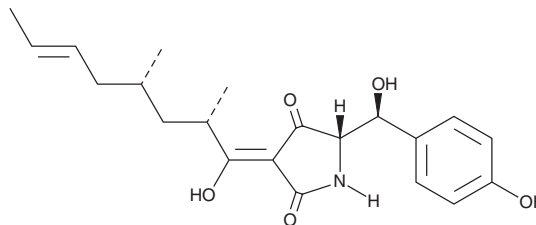
**Purity:** ≥70%

**Supplied as:** A solid

**Storage:** -20°C

**Stability:** ≥4 years

**Item Origin:** Fungus/Unidentified sp.



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

## Laboratory Procedures

F-14329 is supplied as a solid. A stock solution may be made by dissolving the F-14329 in the solvent of choice, which should be purged with an inert gas. F-14329 is soluble in ethanol, methanol, DMSO, and dichloromethane.

## Description

F-14329 is a tetramic acid fungal metabolite and a metal chelator that has been found in *Chaunopycnis*.<sup>1</sup> It chelates iron, copper, magnesium, zinc, and aluminum ions in cell-free assays.

## Reference

1. Shang, Z., Li, L., Esposito, B.P., *et al.* New PKS-NRPS tetramic acids and pyridinone from an Australian marine-derived fungus, *Chaunopycnis* sp. *Org. Biomol. Chem.* **13(28)**, 7795-7802 (2015).

### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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