

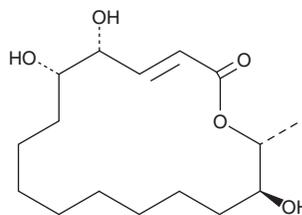
# PRODUCT INFORMATION



## Berkeleylactone F

Item No. 29592

**CAS Registry No.:** 2095114-72-8  
**Formal Name:** 5R,6S,15S-trihydroxy-16R-methyl-oxacyclohexadec-3E-en-2-one  
**MF:** C<sub>16</sub>H<sub>28</sub>O<sub>5</sub>  
**FW:** 300.4  
**Purity:** ≥95%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥4 years  
**Item Origin:** Fungus/*Penicillium* sp.



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

### Laboratory Procedures

Berkeleylactone F is supplied as a solid. A stock solution may be made by dissolving the Berkeleylactone F in the solvent of choice, which should be purged with an inert gas. Berkeleylactone F is slightly soluble (0.1-1 mg/ml) chloroform and methanol.

### Description

Berkeleylactone F is a macrolide fungal metabolite that has been found in *P. fuscum* and *P. camembertii/clavigerum* co-culture fermentation broth.<sup>1</sup>

### Reference

1. Stierle, A.A., Stierele, D.B., Decato, D., *et al.* The Berkeleylactones, antibiotic macrolides from fungal coculture. *J. Nat. Prod.* **80**(4), 1150-1160 (2017).

#### 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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