

## C-3987 Calyculin A, >98%

M.W. 1009.18

$C_{50}H_{81}N_4O_{15}P$

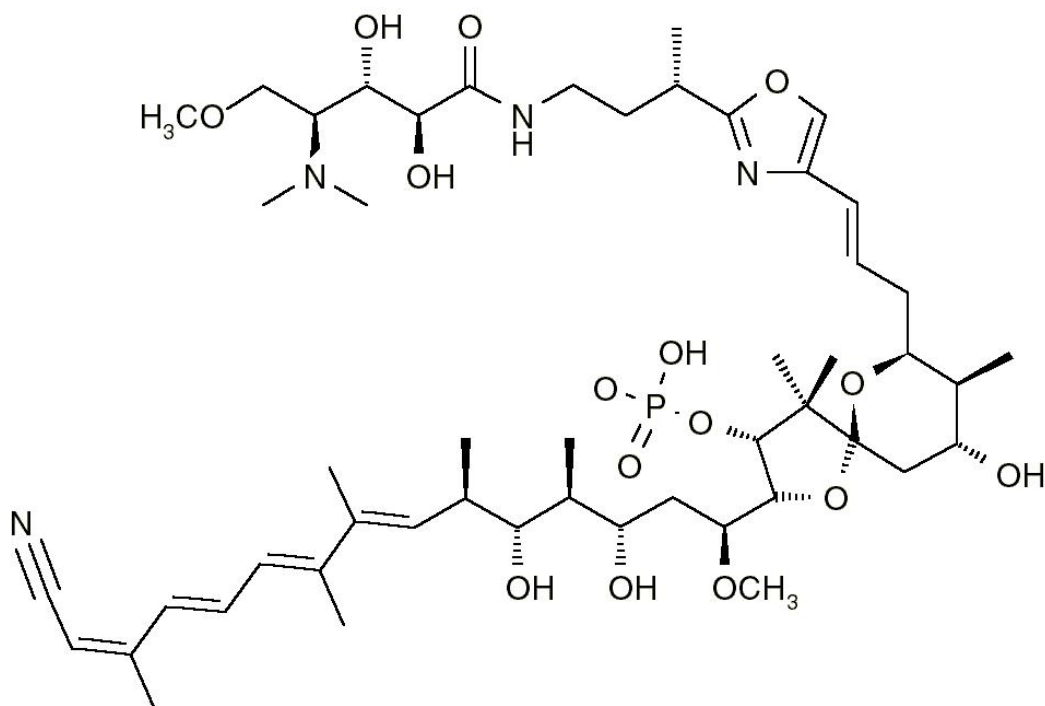
[101932-71-2]

**SPECIAL HAZARD: TUMOR PROMOTER.** Gloves and mask should be worn when using this compound. Care must be taken to prevent contact through all routes of exposure.

**NOTE:** Do not expose to sunlight or fluorescent lights for extended periods.

**Storage:** Store at or below -20 °C. **Solubility:** Soluble in DMSO or ethanol; insoluble in water. **Disposal:** A

- Very potent inhibitor ( $K_i = \text{ca. } 0.1 \text{ nM}$ ) with high specificity for the PP-1 and PP-2 classes of protein serine/threonine phosphatase. Ishihara, H. *et al. Biochem. Biophys. Res. Comm.* **159**: 871-877 (1989).
- Potent non-phorbol type tumor promoter. Suganuma, M. *et al. Cancer Res.* **50**: 3521-3525 (1990).
- Please request Technical Note #19 for additional information.



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