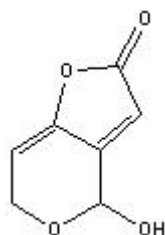


TECHNICAL INFORMATION

Catalog Number: 159989

Patulin**Structure:****Molecular Formula:** C₇H₆O₄**Molecular Weight:** 154.1**CAS #** 149-29-1**Synonym:** 4-Hydroxy-4H-furo[3,2-C]pyran-2-(6H)-one**Physical Appearance:** White crystalline powder**Description:** A mycotoxin which blocks the farnesylation of proteins in a cell free assay. It inhibits the incorporation of ³H-mevalonate into proteins found in complete cells.**Source:** *Penicillium expansum***Purity:** >99%**Solubility:** Soluble in ethyl acetate (5 mg in 0.1 ml); soluble in dichloromethane (10 mg/ml), in water, DMSO(10 mg/ml) and ethanol (25 mg/ ml)**References:**

- Miura, S., et. al., *FEBS Lett*, v. **318**, 88 (1993).
- *Lancet*, v. **245**, 625 (1943).
- *Appl. Microbiol.*, v. **28**, 589 (1974).