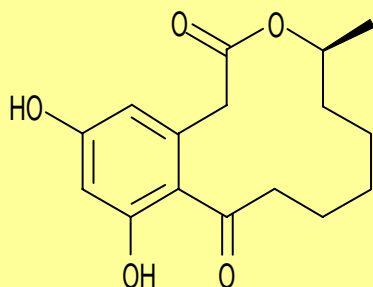


Curvularin

Cat.# BLK0410

Structure

**Origin:** *Penicillium* sp. FKI-1938**CAS Registry Number:** 10140-70-2**CA Index Name:** 4,5,6,7,8,9-Hexahydro-11,13-dihydroxy-4-methyl-2H-3-benzoxacyclodecin-2,10(1H)-dione**Appearance:** crystalline**Molecular Formula/ Weight:** C₁₆H₂₀O₅=292.33**Melting Point:** 206-207 **Purity:** >95% by HPLC**Solubility:** Sol. MeOH, Dioxane, Pyridine
Inso. water, Benzene, Hexane,
Chloroform**Background Information:**

anti-Influenza activity.

Inhibits expression of inducible nitric oxide synthase (iNOS; NOSII). Has antifungal and antibiotic activity.

Inhibits cell division.

Handling and Storage:

Store at -20 .

References:

1. R.F. Vesonder, et al.; J. Environ. Sci. Health B. **11**, 289 (1976).
2. Horakova & V. Betina; Neoplasma **24**, 21 (1977).
3. Y. Yao, et al.; Mol. Pharmacol. **63**, 383 (2003).
4. G.S.R. Subba Rao; Pure Appl. Chem. **75**, 1443 (2003).
5. S. Elzner, et al.; ChemMedChem **3**, 924 (2008).

Manufactured with Courtesy strain from The Kitasato Institute.