**Product Name:** 10,11-dehydrocurvularin

**Product Number:** D040

**CAS Number:** 1095588-70-7

**Molecular Formula:** $\text{C}_{16}\text{H}_{18}\text{O}_5$

**Molecular Weight:** 290.3

**Appearance:** White to off white solid

**Storage Conditions:** -20°C

**Description:** Dehydrocurvularin is a 12-membered macrocyclic lactone incorporating a resorcinyl moiety, produced by a number of fungal species including Curvularia, Penicillium and Alternaria. Dehydrocurvularin inhibits cell division by disrupting mitotic spindle formation and acts as a developmental regulator by inhibiting self-sporulation in Alternaria alternata. More recently dehydrocurvularin has been shown to have antimalarial activity.

Dehydrocurvularin is soluble in ethanol, methanol, DMF and DMSO.

**References:**

