Product Name: 10,11-dehydrocurvularin

Product Number: D040

CAS Number: 1095588-70-7

Molecular Formula: C₁₆H₁₈O₅

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:


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