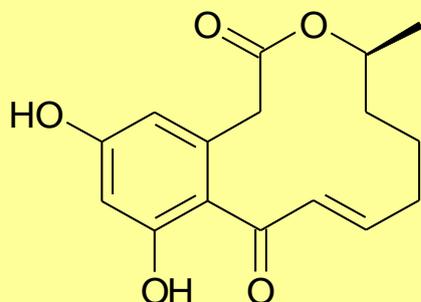


**Structure****Origin:** Aspergillus sp.**CAS Registry Number:** 1095588-70-7**Appearance:** off white solid**Molecular Formula/ Weight:** C<sub>16</sub>H<sub>18</sub>O<sub>5</sub>=290.31**Purity:** >95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO**Background Information:**

10,11-Dehydrocurvularin, a 12-membered macrolactone antibiotic, was isolated from a number of fungal species. This compound inhibited TGF- $\beta$  which is a multifunctional cytokine.

**Handling and Storage:**

Store at -20°C.

**References:**

1. Biosci Biotechnol Biochem. 2003 Jun;67(6):1413-6.
2. J Nat Prod. 2004 Dec;67(12):1985-91.
3. Cytokine. 2013 Jan;61(1):285-96.
4. Appl Environ Microbiol. 2013 Mar;79(6):2038-47
5. Springerplus. 2013 Dec;2(1):122.

*Manufactured with Cortesy strain from The Kitasato Institute.*