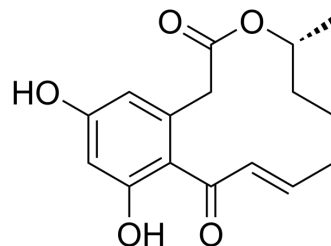


## (R)-10,11-Dehydrocurvularin

Cat. No.:	HY-N6679
CAS No.:	1095588-70-7
Molecular Formula:	C <sub>16</sub> H <sub>18</sub> O <sub>5</sub>
Molecular Weight:	290.31
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(R)-10,11-Dehydrocurvularin is a secondary metabolite isolated from <i>Curvularia</i> sp.. (R)-10,11-Dehydrocurvularin displays concentration-dependent cytotoxicity towards human tumor cell lines with a mean IC <sub>50</sub> value of 1.25 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	Heat shock response <sup>[1]</sup> TGF-β signalling pathway <sup>[2]</sup>

### REFERENCES

[1]. Greve H, et al. Apralactone A and a New Stereochemical Class of Curvularins from the Marine-Derived Fungus *Curvularia* sp. *European J Org Chem.* 2008;2008(30):10.1002/ejoc.200800522.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA