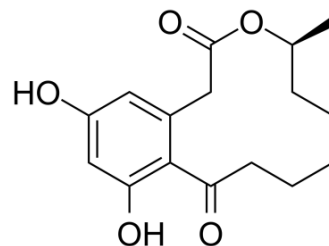


Curvularin

Cat. No.:	HY-N6770
CAS No.:	10140-70-2
Molecular Formula:	C ₁₆ H ₂₀ O ₅
Molecular Weight:	292.33
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Curvularin, a fungal metabolite and a potent mycotoxin naturally isolated from <i>Curvularia lunata</i> , inhibits cytokine-induced nitric oxide synthase (iNOS) , with an IC₅₀ of 9.5 μM ^{[1][2]} .
IC ₅₀ & Target	IC ₅₀ : 9.5 μM (iNOS) ^[2] .

REFERENCES

- [1]. Kumar CG, et al. Metabolite profiling and biological activities of bioactive compounds produced by *Chrysosporium lobatum* strain BK-3 isolated from Kaziranga National Park, Assam, India. *Springerplus*. 2013 Dec;2(1):122.
- [2]. Yao Y, et al. Sporogen, S14-95, and S-curvularin, three inhibitors of human inducible nitric-oxide synthase expression isolated from fungi. *Mol Pharmacol*. 2003 Feb;63(2):383-91.

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

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