

## Talaromyketide B

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Talaromyketide B is a polyketide compound identified in the soil bacterium Talaromyces sp. KYS-41, known for its anti-inflammatory properties. It inhibits the activation of NF- $\kappa$ B and MAPK signaling pathways and can dose-dependently suppress pro-inflammatory cytokines, such as IL-1 $\beta$ , IL-6, IL-10, and TNF- $\alpha$ , as well as the transcriptional activity of inflammatory mediators [including iNOS and COX-2]. Talaromyketide B shows promise for research in the fields of immunity and inflammatory diseases.
Targets(IC50)	NF- $\kappa$ B,NO Synthase,COX,Interleukin,p38 MAPK,TNF

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