

Fusaproliferin

Chemical Properties

CAS No. : 152469-17-5

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	Fusaproliferin is a diterpene mycotoxin identified in <i>Fusarium solani</i> . Fusaproliferin can reverse Lipopolysaccharides stimulation and the NF- κ B and MAPKs signaling pathways, thus playing a role in anti-inflammatory processes. It has affinity for the TLR4 protein with a KD value of 28.6 μ M. Fusaproliferin exhibits cytotoxicity against pancreatic cancer, showing rapid submicromolar IC50 effects.
Targets(IC50)	ERK,NF- κ B,Reactive Oxygen Species,NO Synthase,Interleukin,I κ B/IKK,p38 MAPK,TNF

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