

## Altertoxin II

## Chemical Properties

CAS No. :	56257-59-1
Formula:	C <sub>20</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight:	350.33
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Altertoxin II is a metabolite of the <i>Alternaria alternate</i> fungus, known for its mutagenic properties. It exhibits mutagenicity towards <i>Salmonella typhimurium</i> strains TA98, TA100, and TA1537, both with and without metabolic activation. Altertoxin II is valuable for studying the mutagenic mechanisms of fungal toxins.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8545 mL	14.2723 mL	28.5445 mL
5 mM	0.5709 mL	2.8545 mL	5.7089 mL
10 mM	0.2854 mL	1.4272 mL	2.8545 mL
50 mM	0.0571 mL	0.2854 mL	0.5709 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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