

Ochratoxin A, Mycotoxin

Catalog	Unit
TBI3562-1MG	1 mg
TBI3562-5MG	5 mg

Product Details

Formal Name: N-[[[(3R)-5-chloro-3,4-dihydro-8-hydroxy-3-methyl-1-oxo-1H-2-benzopyran-7-yl]carbonyl]-L-phenylalanine

Alternate Names: NSC-201422; NSC-221991

Molecular Formula: C₂₀H₁₈ClNO₆

Formula Weight: 403.8

CAS Number: 303-47-9

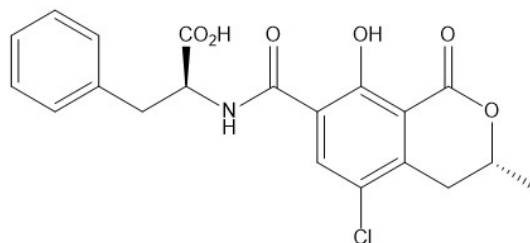
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 20 mg/ml) or in Ethanol (up to 50 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Mycotoxin

Functions

A mycotoxin that causes widespread contamination in foodstuffs and environments thus causing health risks to humans and animals. It has been shown to be carcinogenic, mutagenic, neurotoxic, nephrotoxic and immunotoxic. It increases lipid peroxide levels in cells and reduces antioxidant defenses leading to oxidative DNA damage.

Application Procedures

First dissolved in DMSO (20 mg/ml) or ethanol (50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.