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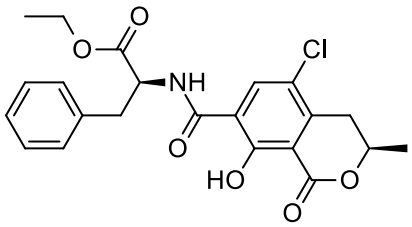
PRODUCT DATA SHEET

Ochratoxin C

Code No.: **BIA-O1589**

Pack sizes: **1 mg, 5 mg**



Synonyms : -

Specifications

CAS #	:	**4865-85-4**
Molecular Formula	:	**$C_{22}H_{22}ClNO_6$**
Molecular Weight	:	**431.9**
Source	:	***Aspergillus* sp.**
Appearance	:	**Off-white solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO.**

Application Notes

Ochratoxin C is a minor component of the ochratoxin complex produced by several Aspergillus and Penicillium sp. associated with food spoilage. Ochratoxin C is the ethyl ester of ochratoxin A and, despite its relatively low abundance, it is the most non-polar and the only neutral component of the complex. As such, ochratoxin C represents a different hazard to the acidic major components ochratoxins A and B. Ochratoxins are widely distributed in the environment and are known to be nephrotoxic and teratogenic, however ochratoxin C has not been extensively studied.

References

1. Mycotoxins. Part II. The constitution of ochratoxins A, B, and C, metabolites of Aspergillus ochraceus Wilh. Van der Merwe K. J. et al., J.C.S. 1965, 7083.

For in vitro laboratory use only. Not for human or animal use.

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