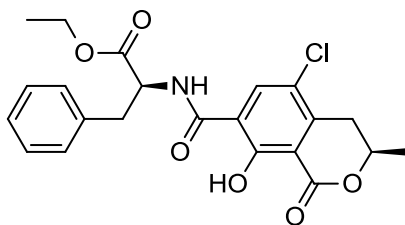


## Ochratoxin C

Code No.: **BIA-O1589**

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



Synonyms :

### Specifications

CAS #	:	<b>4865-85-4</b>
Molecular Formula	:	<b>C<sub>22</sub>H<sub>22</sub>ClNO<sub>6</sub></b>
Molecular Weight	:	<b>431.9</b>
Source	:	<b><i>Aspergillus</i> sp.</b>
Appearance	:	<b>Off-white solid</b>
Purity	:	<b>&gt;95% by HPLC</b>
Long Term Storage	:	<b>-20°C</b>
Solubility	:	<b>Soluble in ethanol, methanol, DMF or DMSO.</b>

### 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.

Updated: 2 December 2014