

Product Name: Ochratoxin C

Product Number: O016

CAS Number: 4865-85-4

Molecular Formula: $C_{22}H_{22}ClNO_6$

Molecular Weight: 431.9

Appearance: Off-white solid

Storage Conditions: -20°C

Description: 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.

Ochratoxin C is soluble in ethanol, methanol, DMF or DMSO.

References: 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.