



LKT Laboratories, Inc.

Ochratoxin B

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Product Information

Product ID O0830

CAS No. 4825-86-9

Chemical Name (2S)-2-[[[(3R)-8-hydroxy-3-methyl-1-oxo-3,4-dihydroisochromene-7-carbonyl]amino]-3-phenylpropanoic acid

Synonym UNII-ECJ5WS94N2; CCRIS 5094; HSDB 3438; BRN 1300160

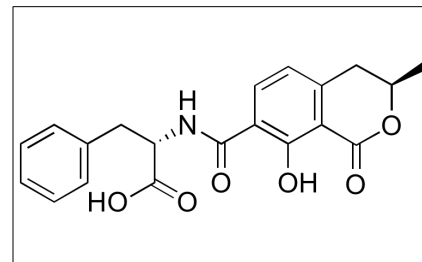
Formula C₂₀H₁₉NO₆

Formula Wt. 369.37

Melting Point 221°C

Purity ≥99%

Solubility DMSO: Clear yellow solution at 10mg/ml



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
O0830	1 mg	\$157.50
O0830	5 mg	\$483.00

Store Temp -20°C

Ship Temp Ambient

Description Ochratoxin B is the non-chlorinated analogue of the extensively studied mycotoxin, Ochratoxin A. It is a secondary metabolite of *Aspergillus ochraceus*. Its lower toxicity than the chlorinated analog, ochratoxin A, appears to be the result of its rapid metabolism and elimination. TEST!!!!!!

References Peckham JC, Doupnik B Jr, Jones OH Jr. Acute toxicity of ochratoxins A and B in chicks. *Appl Microbiol.* 1971,1(3):492-4. PMID: 4928604

Størmer FC, Kolsaker P, Holm H, Rogstad S, Elling F. Metabolism of ochratoxin B and its possible effects upon the metabolism and toxicity of ochratoxin A in rats. *Appl Environ Microbiol.* 1985 May;49(5):1108-12. PMID: 4004232.

Mally A, Keim-Heusler H, Amberg A, et al. Biotransformation and nephrotoxicity of ochratoxin B in rats. *Toxicol Appl Pharmacol.* 2005; 206(1):43-53. PMID: 15963343.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.