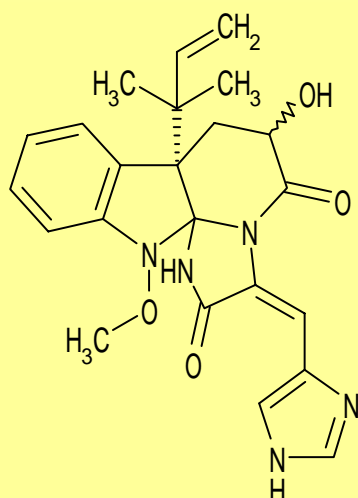


Structure



Origin: *Aspergillus japonicus*. Fg-551

CAS Registry Number: 71812-10-7

CA Index Name: 7a-(1,1-Dimethyl-2-propenyl)-6,7,7a,12-tetrahydro-6-hydroxy-3-(1H-imidazol-4-ylmethylene)-12-methoxy-1H,5H-imidazo[1',2':1,2]pyrido[2,3-b]indole-2,5(3H)-dione

Appearance: white solid

Molecular Formula/ Weight: C₂₃H₂₅N₅O₄=435.48

Melting Point: 205 dec. **Purity:** 98>% by HPLC

Solubility: Sol. MeOH, Chloroform, EtOAc
Inso. Water, Hexane

Background Information:

Neoxaline, which is alkaloid, was isolated from *Aspergillus japonicus*¹⁾. Neoxaline is a antimitotic agent. Neoxaline show weak inhibitory activity of blood platelet aggregation induced by stimulation of the central nervous system²⁾.

Handling and Storage:

Store at -20 .

References:

1. A. Hirano, et. al., J Antibiot (Tokyo), **32**, 781-785 (1979).
2. S. Ōmura, et. al., Chemical screening Chap. 14 in The Search for bioactive compounds from microorganisms. pp. 269 (1992).