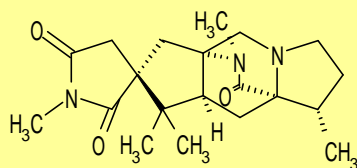


Aspergillimide

Cat.# BLK0321

Structure



Aspergillimide

Origin: *Aspergillus japonicus*. Fg-551

CAS Registry Number: 195966-93-9

CA Index Name: Asperparaline A
 (1'S,3S,5'aβ,8'aβ,9'aβ)-2',3',8'a,9'-
 Tetrahydro-1,1',8',11'-
 pentamethylspiro[pyrrolidine-
 3,7'(8'H)-[5H,6H-
 5a,9a](iminomethano)[1H]cyclopent[
 f]indolizine]-2,5,10'-trione

Appearance: white solid

Molecular Formula/ Weight: C₂₀H₂₉N₃O₃=359.47

Melting Point: 205-208 Purity: 98>% by HPLC

Solubility: Sol. MeOH, Chloroform, EtOAc,
 Acetone
 Inso. water, Hexane

pKa:

log P:

Background Information:

Aspergillimide, a class of anthelmintics, has been isolated from *Aspergillus* sp.¹⁾ The asperparaline showed paralytic activity against silk worms²⁾.

Handling and Storage:

Store at -20 .

References:

- 1) Banks RM, et. al., J Antibiot (Tokyo), **50**, 840-846, 1997.
- 2) Hayashi H, et. al., Biosci Biotechnol Biochem., **64**, 111-115, 2000.

Manufactured with Cortesy strain from The Kitasato Institute.

(ID#: Fg-551)