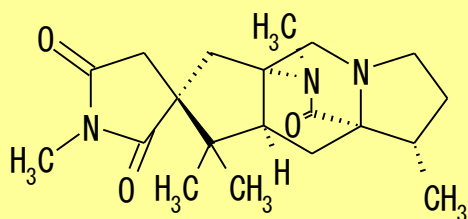


Aspergillimide

Cat.# BLK0321

Structure

**Origin:** *Aspergillus japonicus*.**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',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°C **Purity:** 98>% by HPLC**Solubility:** Sol in 1mg/ml ethanol, methanol,
DMSO**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°C.

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 Courtesy strain from The Kitasato Institute.