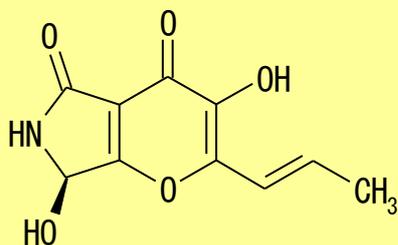


Pyranonigrin A

Cat.# BLK-0700

Structure



Pyranonigrin A

Origin: *Aspergillus niger*

CAS Registry Number: 773855-65-5

Appearance:

Molecular Formula/ Weight: C₁₀H₉NO₅=223.18

Purity: >95.0% by HPLC

Solubility: Sol. in DMSO, Hot MeOH Inso. in Hexane

Background Information:

Pyranonigrin A was produced by marine fungus *Aspergillus niger*. It was shown antioxidative activity, and next, it was shown significant suppressive effect on the expression of vascular cell adhesion molecule-1 (VCAM-1) in human umbilical vein endothelial cells (HUVECs) induced by tumor necrosis factor-alpha (TNF-alpha) (P<0.05).

Handling and Storage:

Store at -20°C.

References:

1. J. Nat. Prod., 2007, 70 (7), pp 1180–1187
2. Bioscience, Biotechnology, and Biochemistry Vol. 71 (2007) , No. 10 pp.2515-2521
3. Bioscience, Biotechnology, and Biochemistry Vol. 72 (2008) , No. 6 pp.1580-1585

Manufactured with Cortesy strain from The Kitasato Institute.