**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:**
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.*