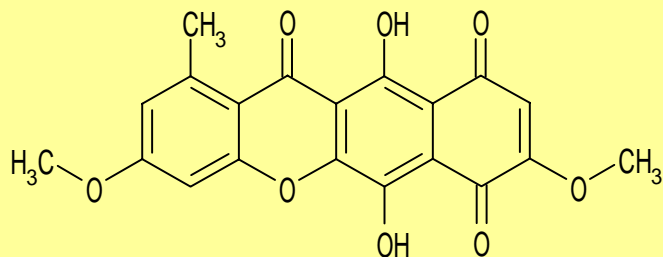


Bikaverin

Cat.# BLK1070

Structure

**Origin:** *Fusarium* sp**CAS Registry Number:** 33390-21-5**CA Index Name:** 6,11-Dihydroxy-3,8-dimethoxy-1-methyl-10H-benzo[b]xanthene-7,10,12-trione, Lycopersin**Appearance:** dark red solid**Molecular Formula/ Weight:** C₂₀H₁₄O₈=382.32**Melting Point:** >300**Purity:** >95.0% by TLC**Solubility:** Sol. in 1mg/ml DMSO

Background Information:

Bikaverin, Naphthoquinone antibiotic, was isolate from some fungi as pigment. It shows activities, antiprotozoal, antitumour, antimicrobial, and inhibites spermidine-induced autoactivation and active form of PHBP (Plasma hyaluronan-binding protein).

Handling and Storage:

Store at -20 .

References:

1. Folia Microbiol (Praha). 1970;15(6):479-84.
2. Neoplasma. 1975;22(3):335-8.
3. Antibiotiki. 1975 May;20(5):437-9.
4. J Nat Prod. 2007 Feb;70(2):227-32.
5. J Appl Microbiol. 2008 Mar;104(3):692-8.
6. Biol Pharm Bull. 2010;33(8):1430-3.

For Laboratory Research Use Only, Not For Use in Humans

Manufactured with Cortesy strain from The Kitasato Institute.