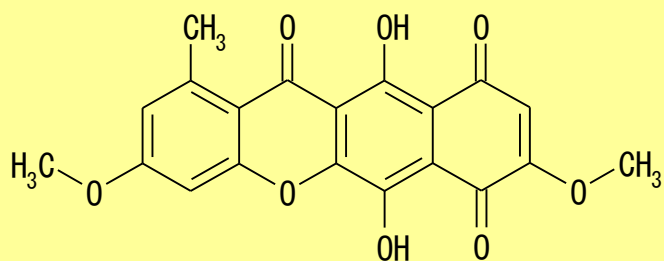


Bikaverin

Cat.# BLK1070

Structure

Origin: *Fusarium.sp*

CAS Registry Number: 33390-21-5

CA Index Name:

Appearance: dark red solid

Molecular Formula/ Weight: C₂₀H₁₄O₈=382.32

Melting Point: >300°C

Purity:>95.0% by TLC

Solubility: Sol. in 1mg/ml DMSO

pKa:

log P:

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°C.

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.

Manufactured with Cortesy strain from The Kitasato Institute.